OIPE
OCT 2 0 2003
JC100
PATENT & TRADEMARK OFFICE

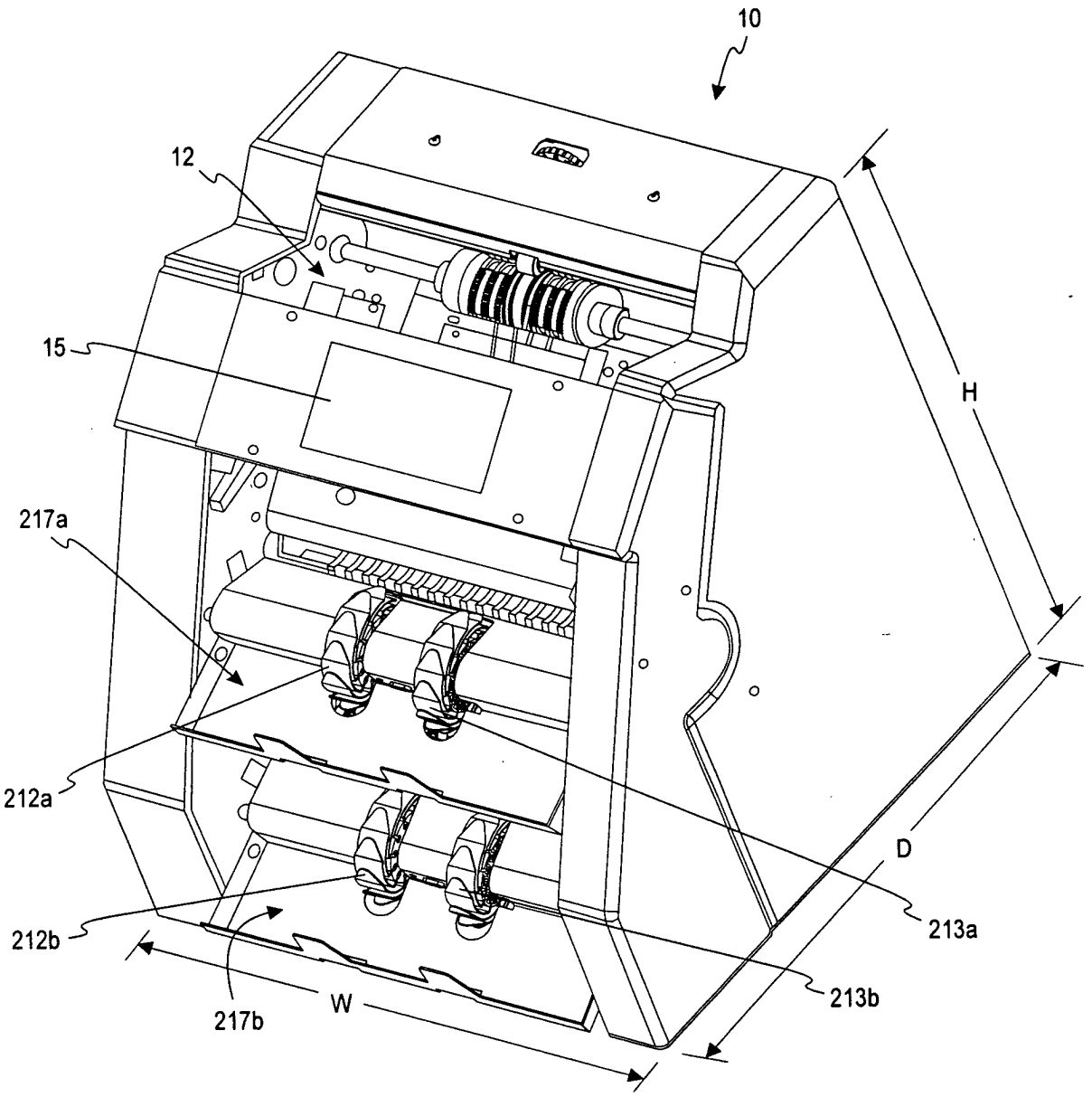


FIG. 1a

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

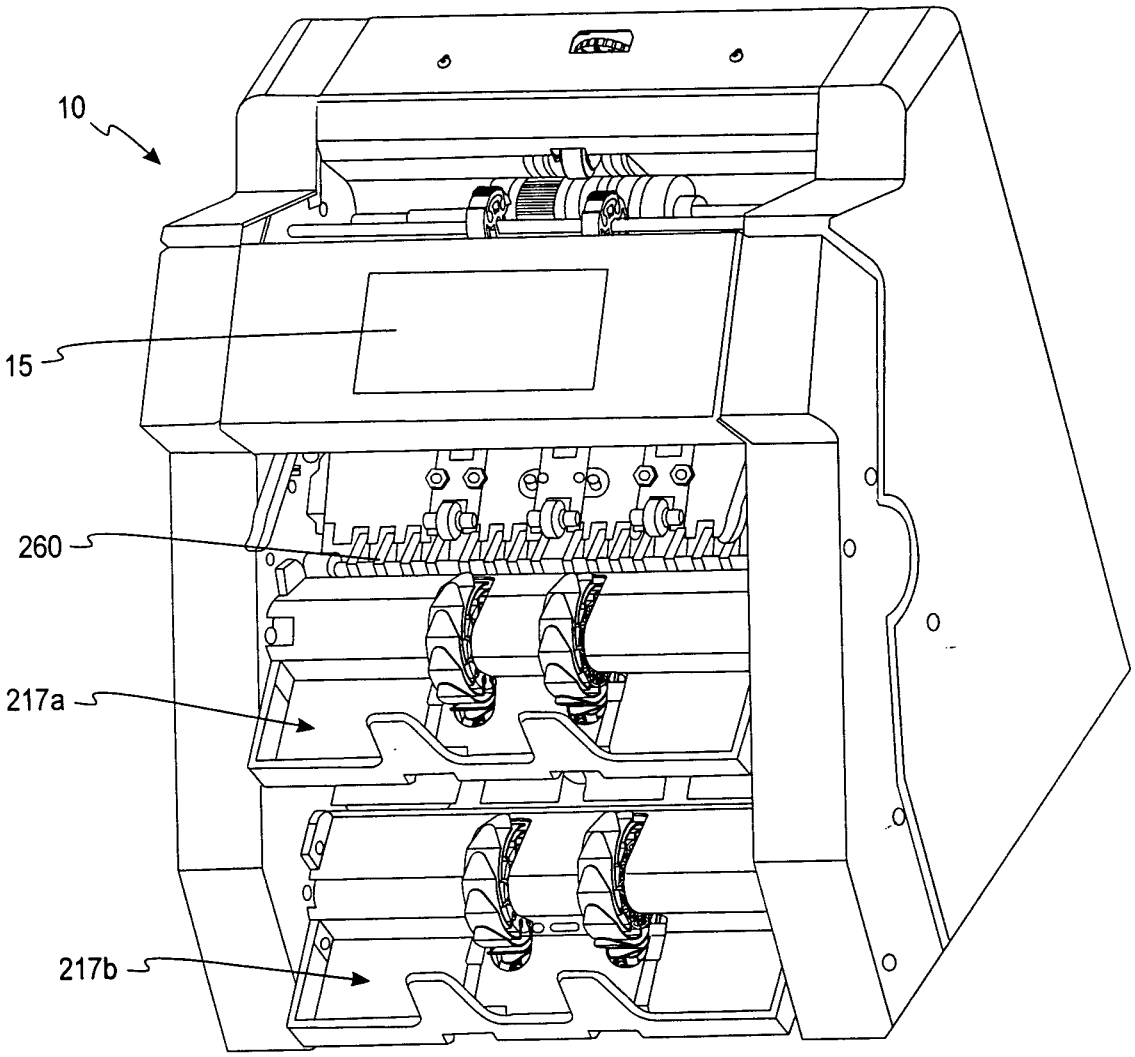


FIG. 1b

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

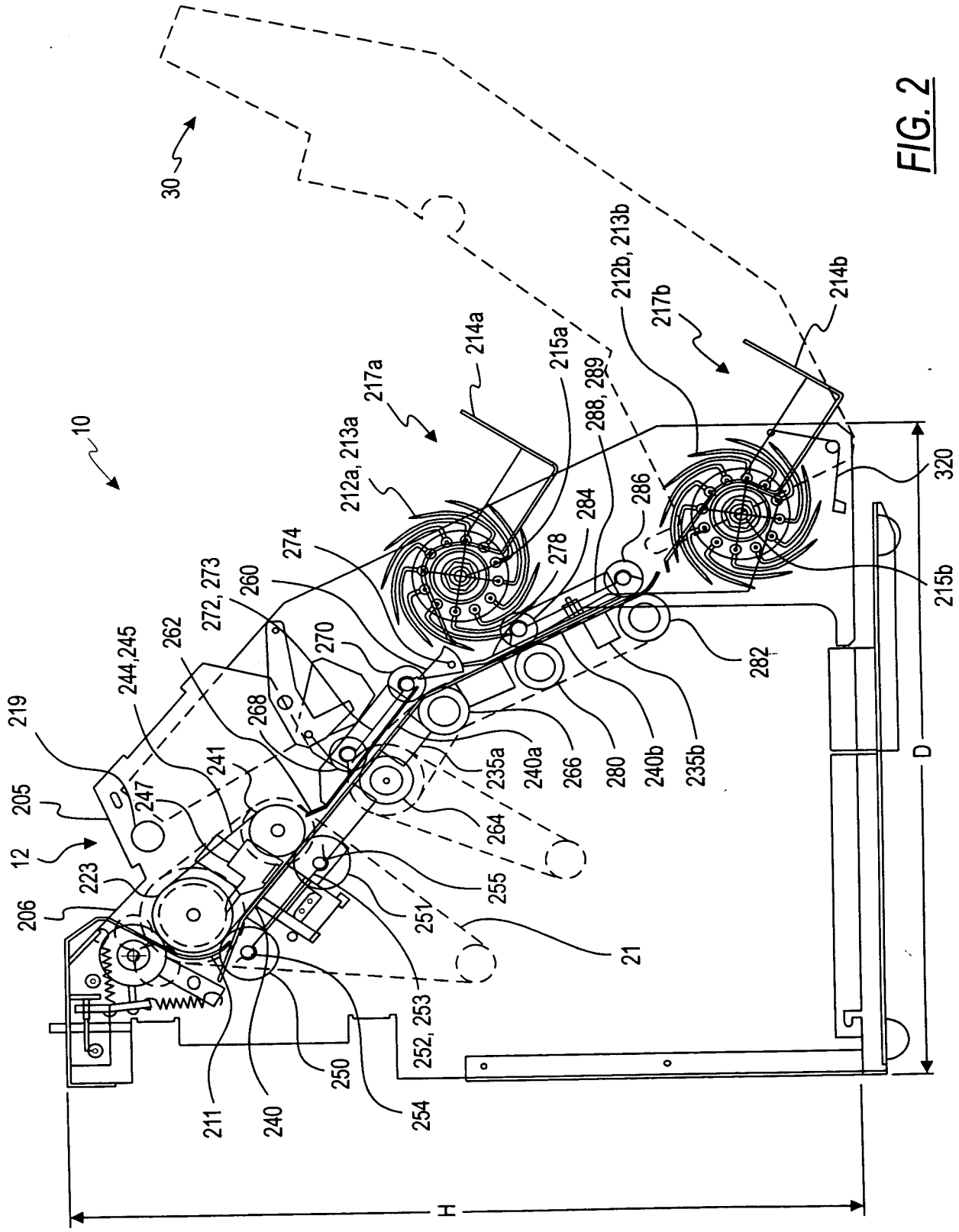


FIG. 2

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

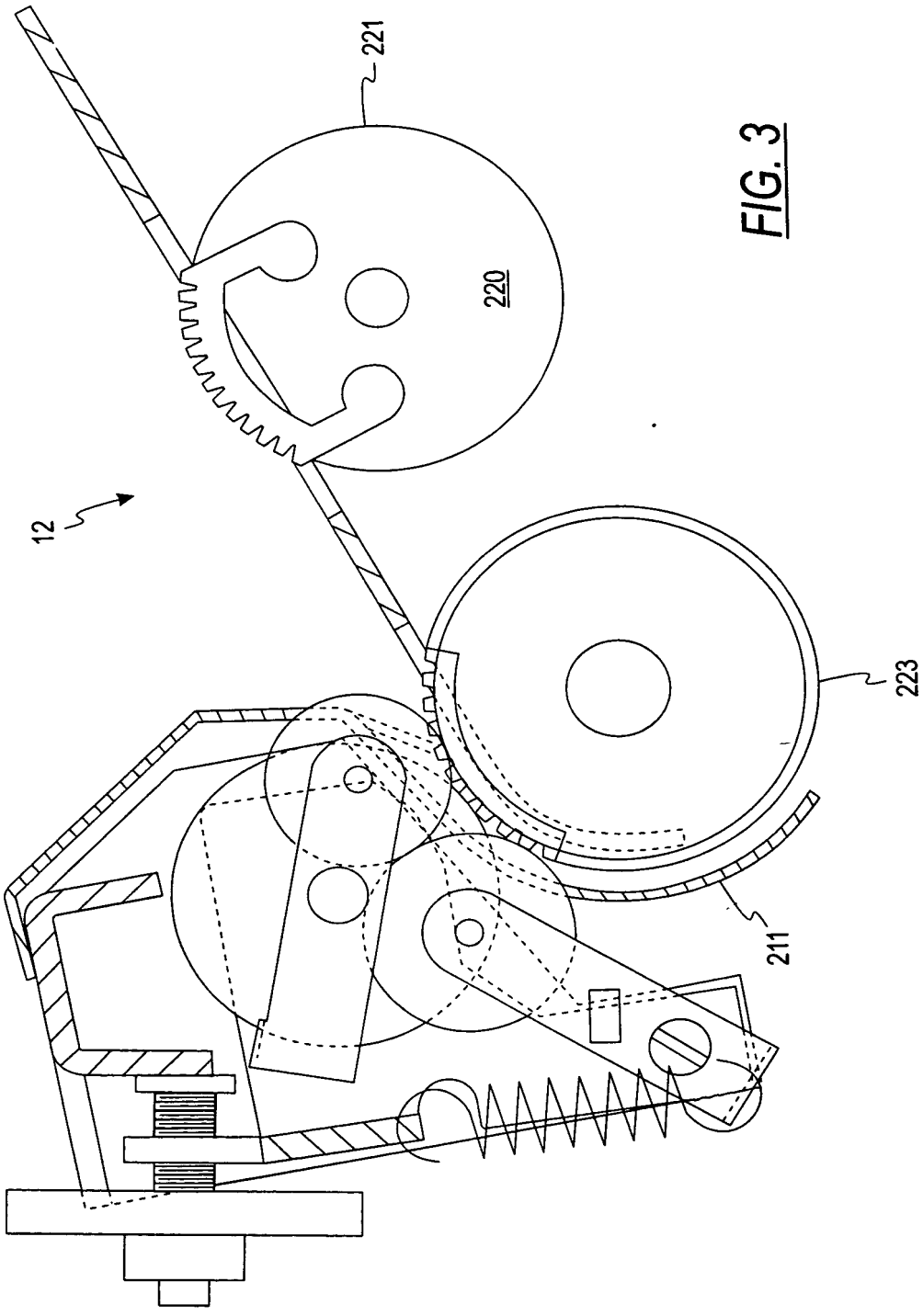


FIG. 3

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

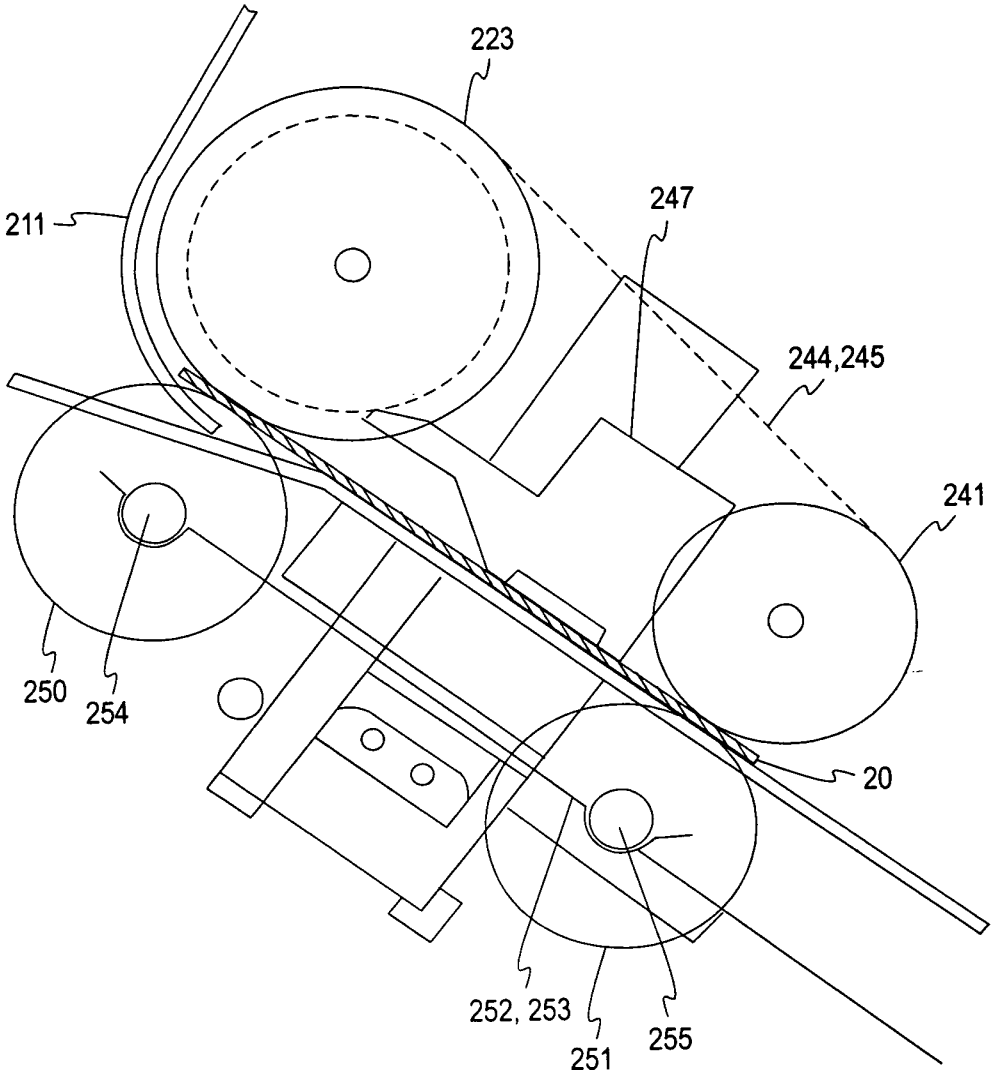


FIG. 4

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

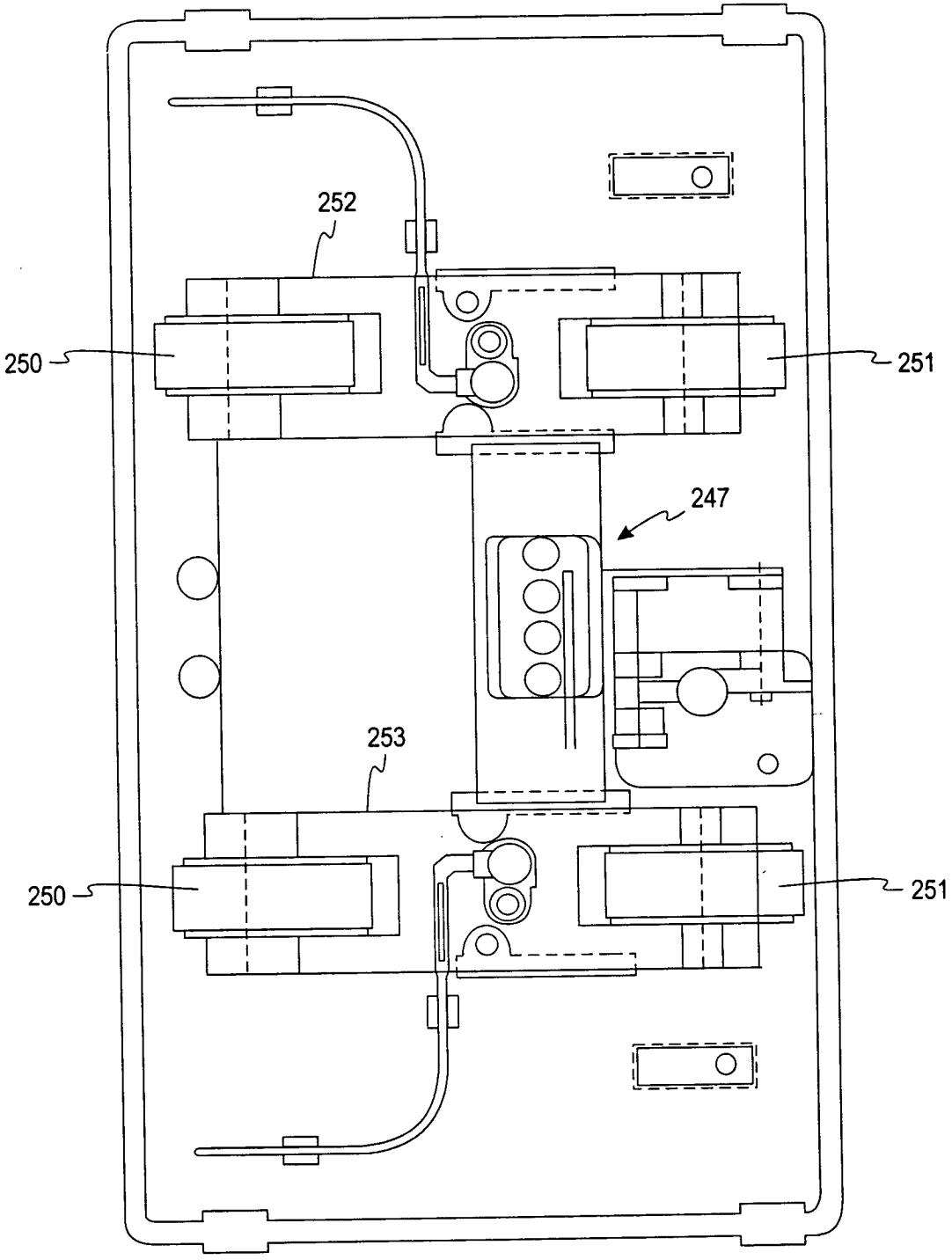


FIG. 5

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

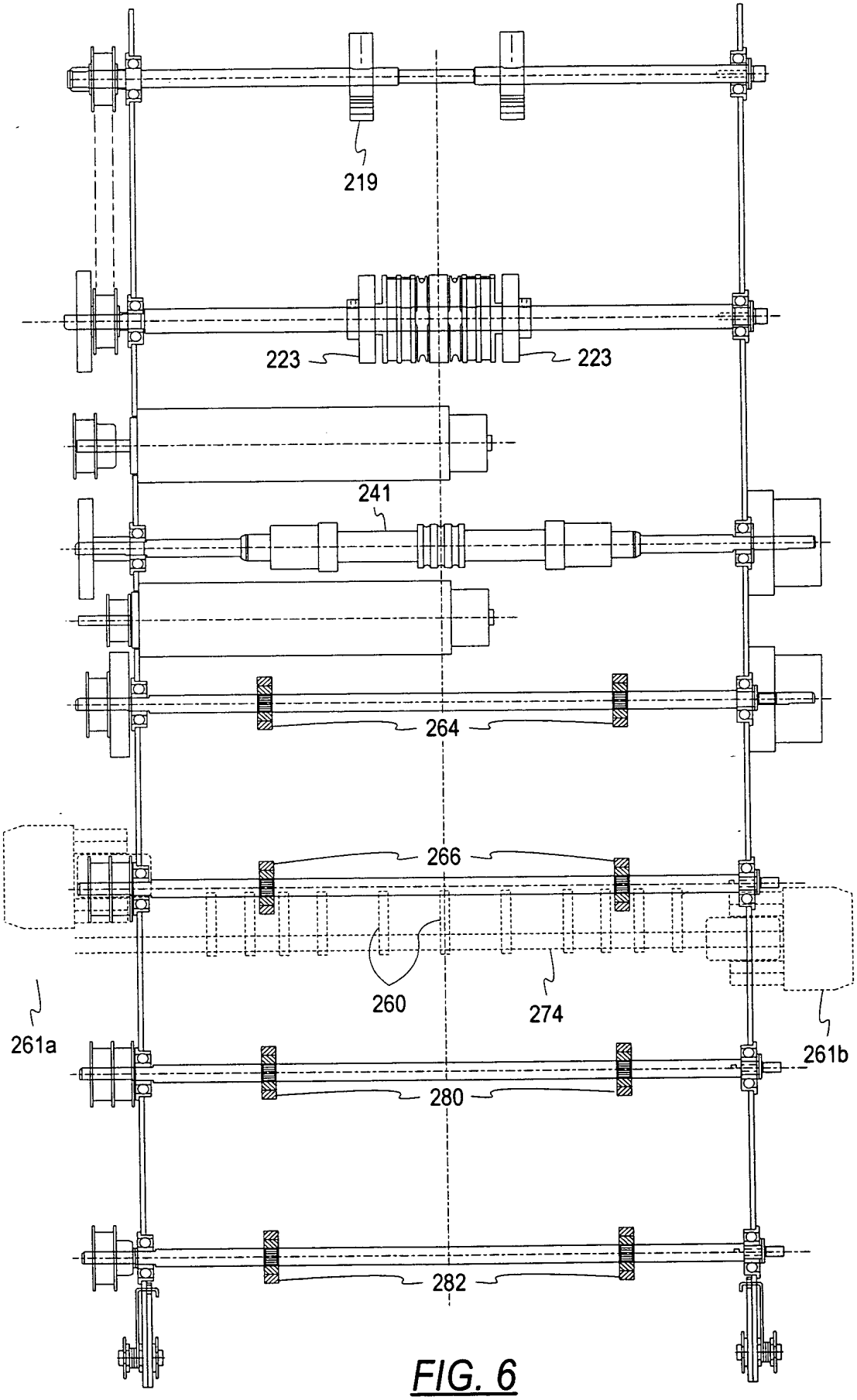


FIG. 6

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

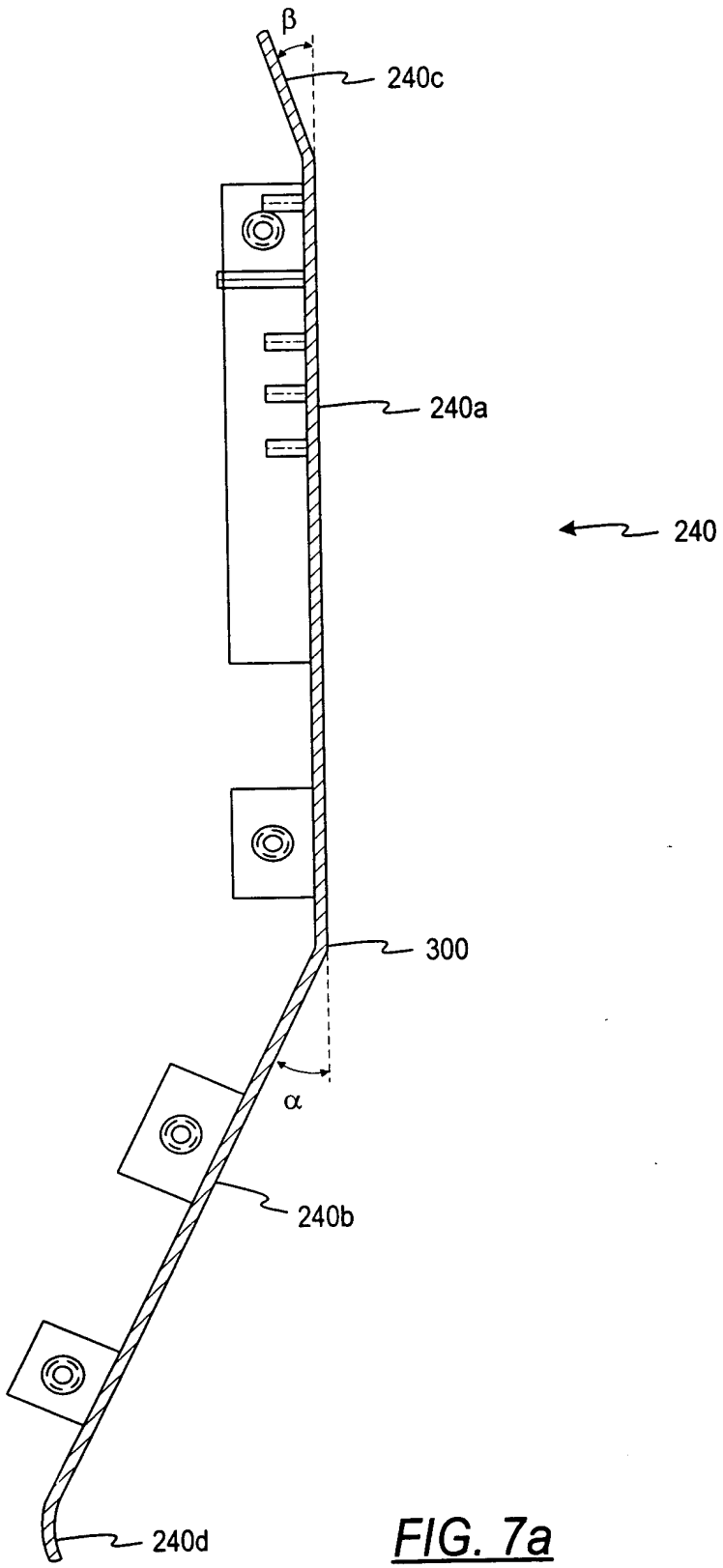


FIG. 7a

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

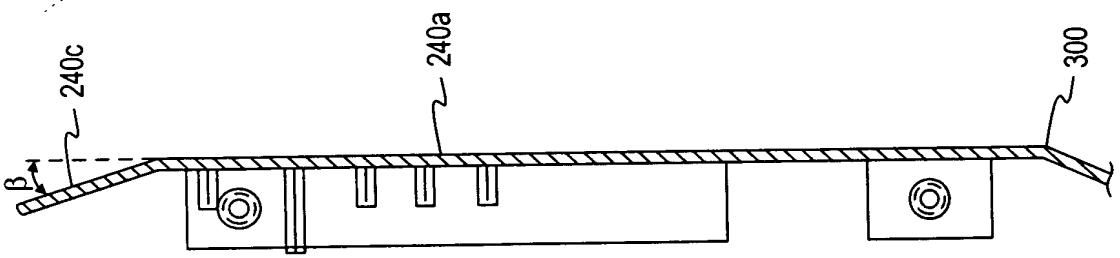


FIG. 7c

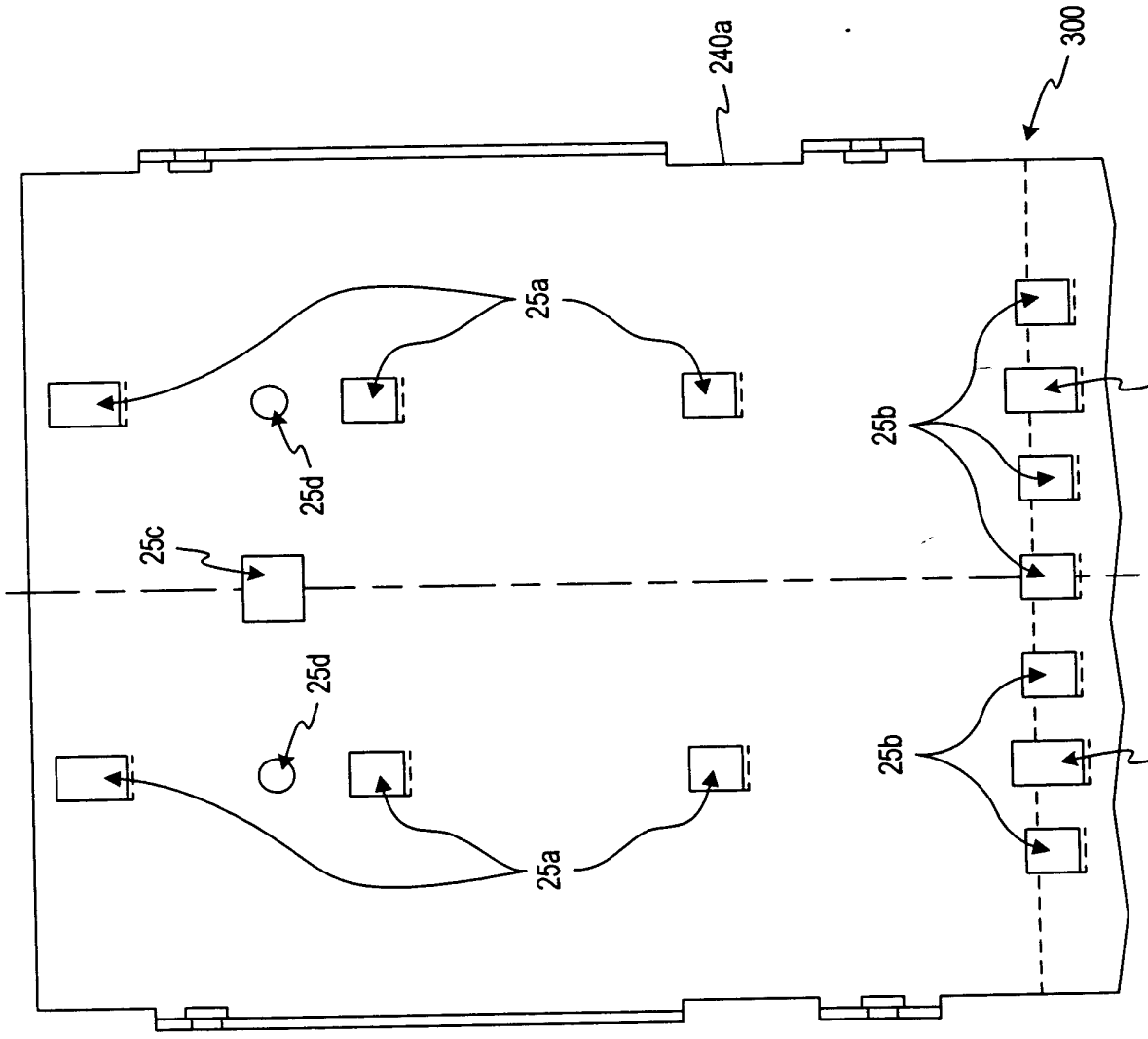


FIG. 7b

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

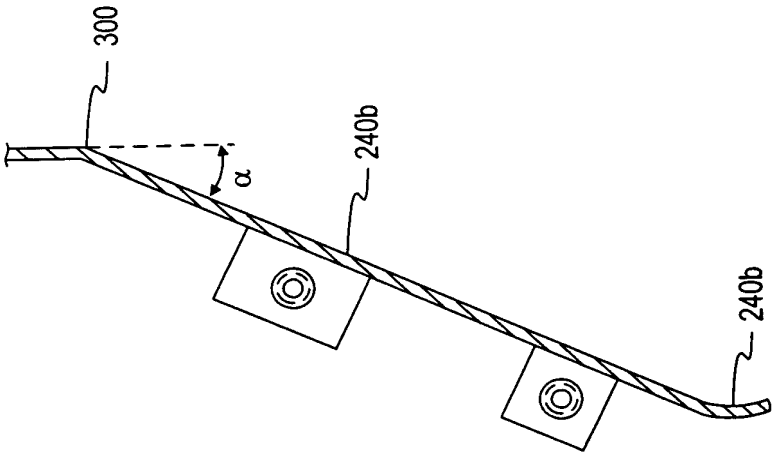


FIG. 7e

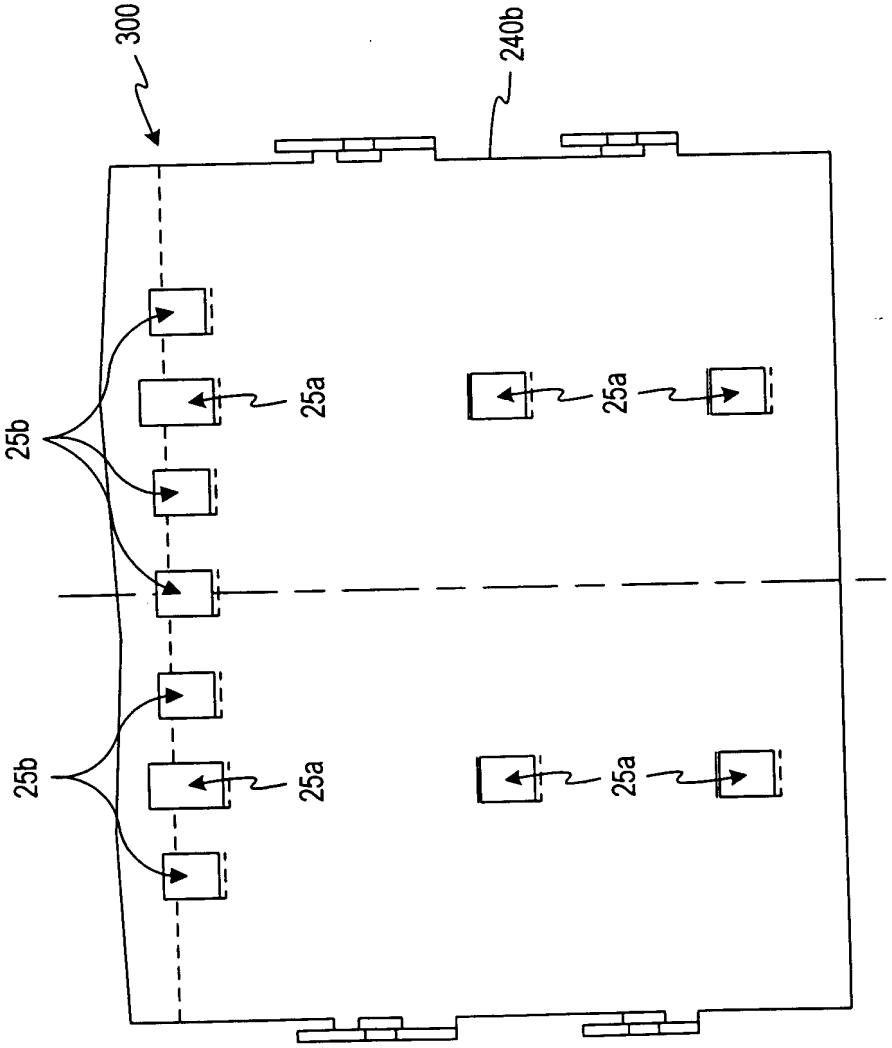


FIG. 7d

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

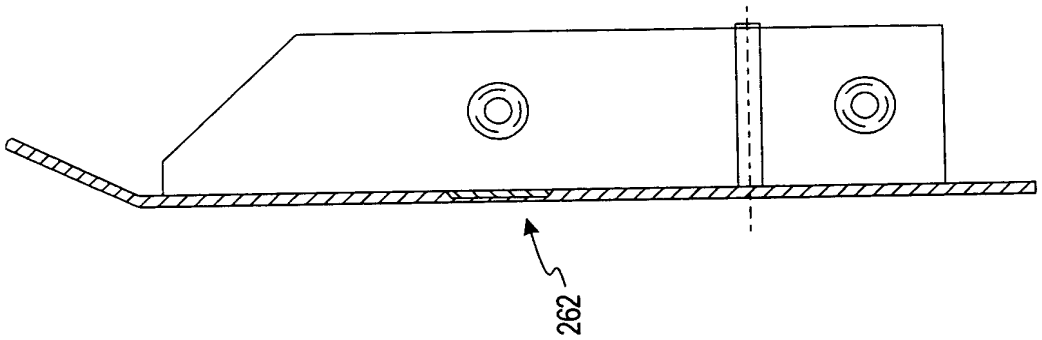


FIG. 8b

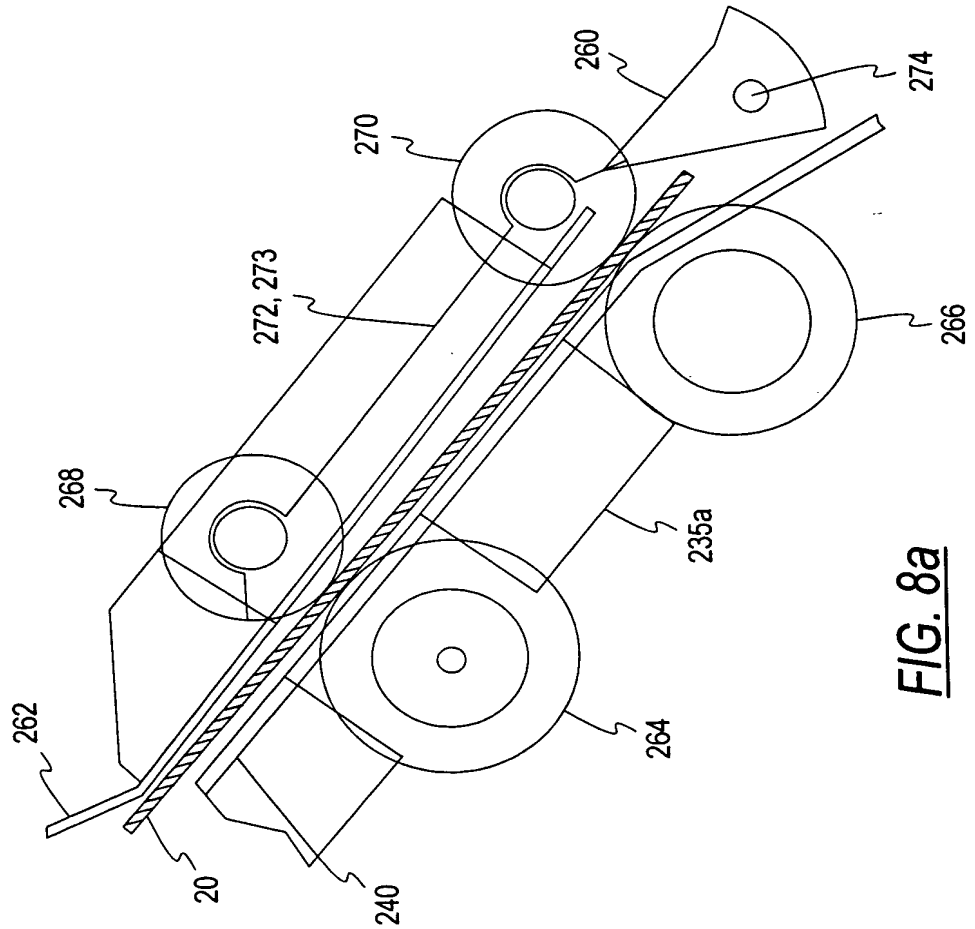


FIG. 8a

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

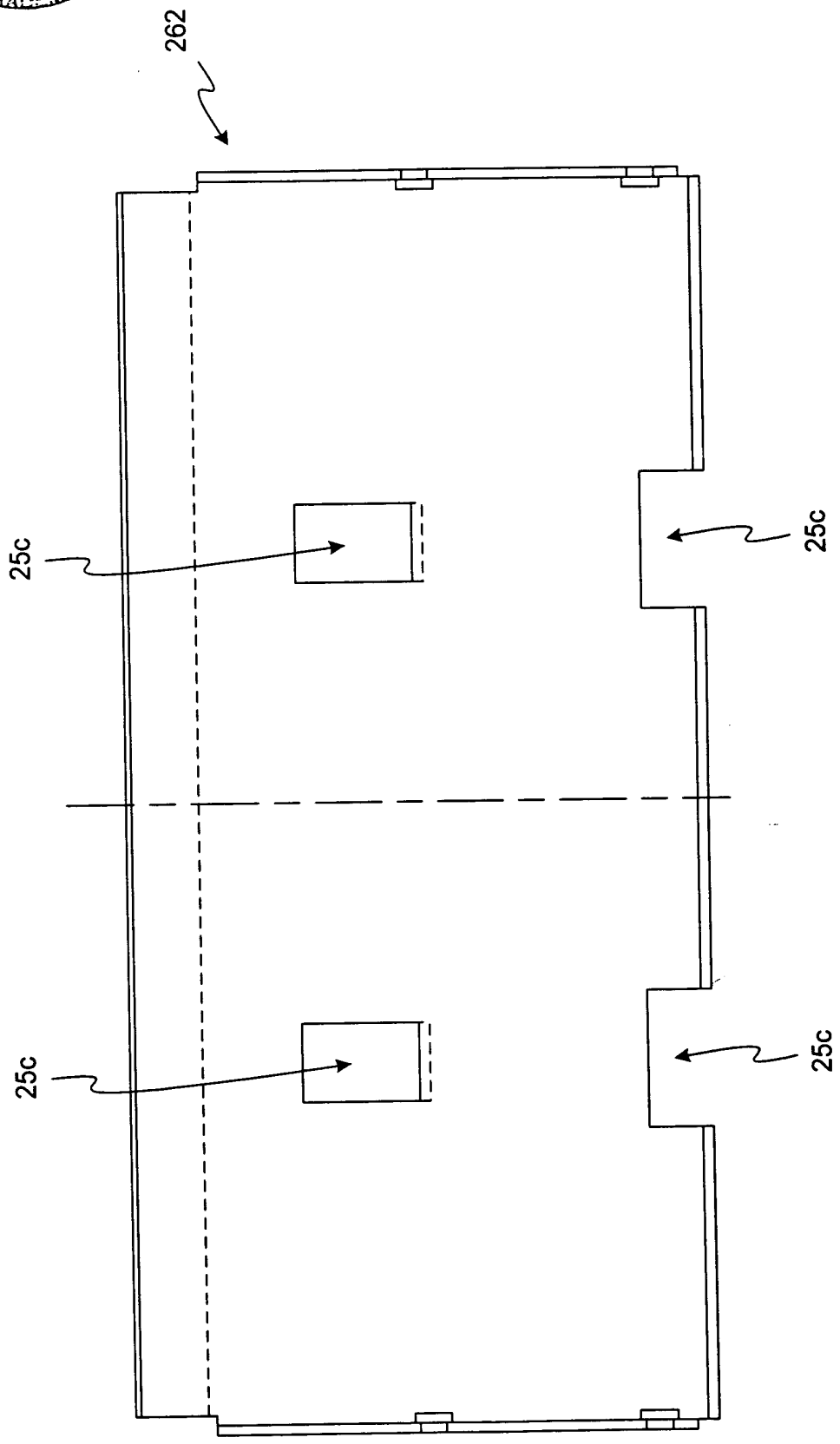


FIG. 8c

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

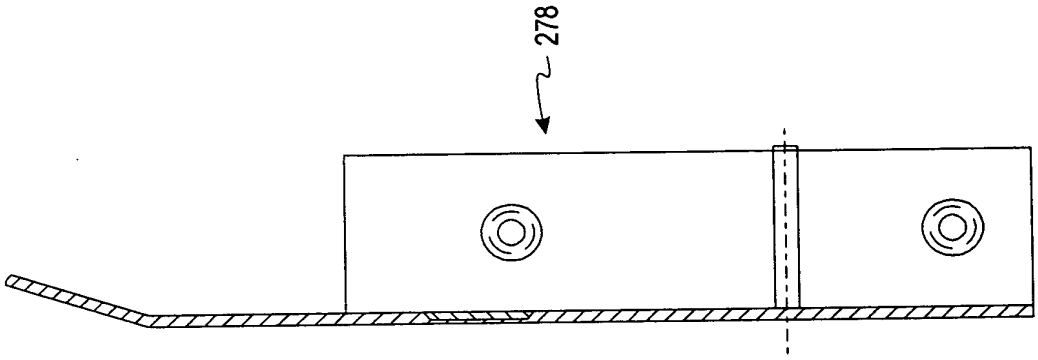


FIG. 9b

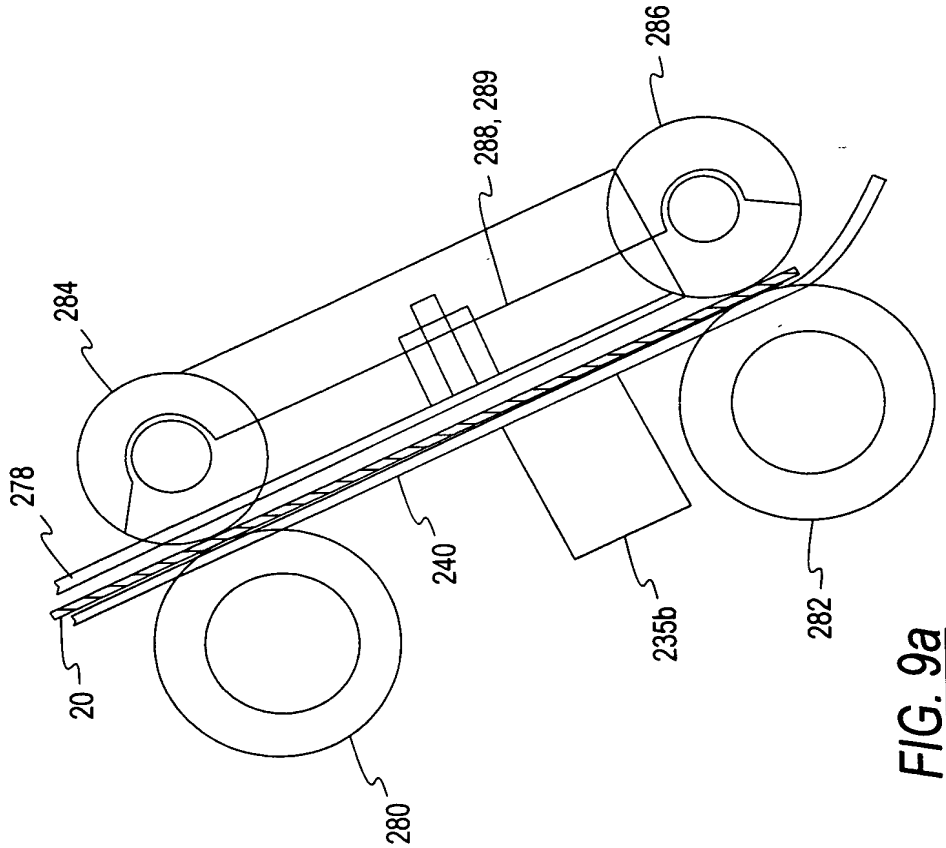


FIG. 9a

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE
JC100

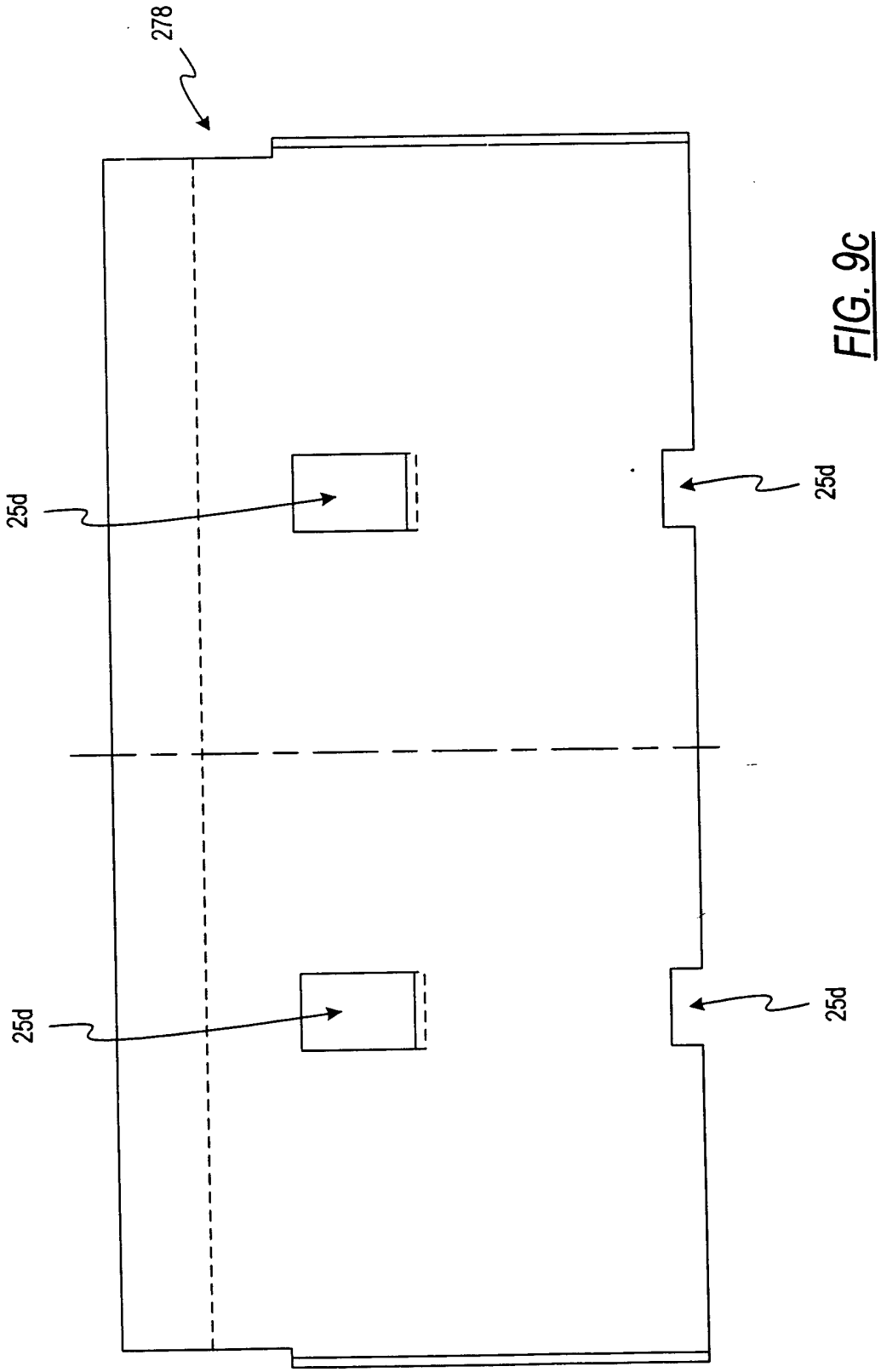


FIG. 9c

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

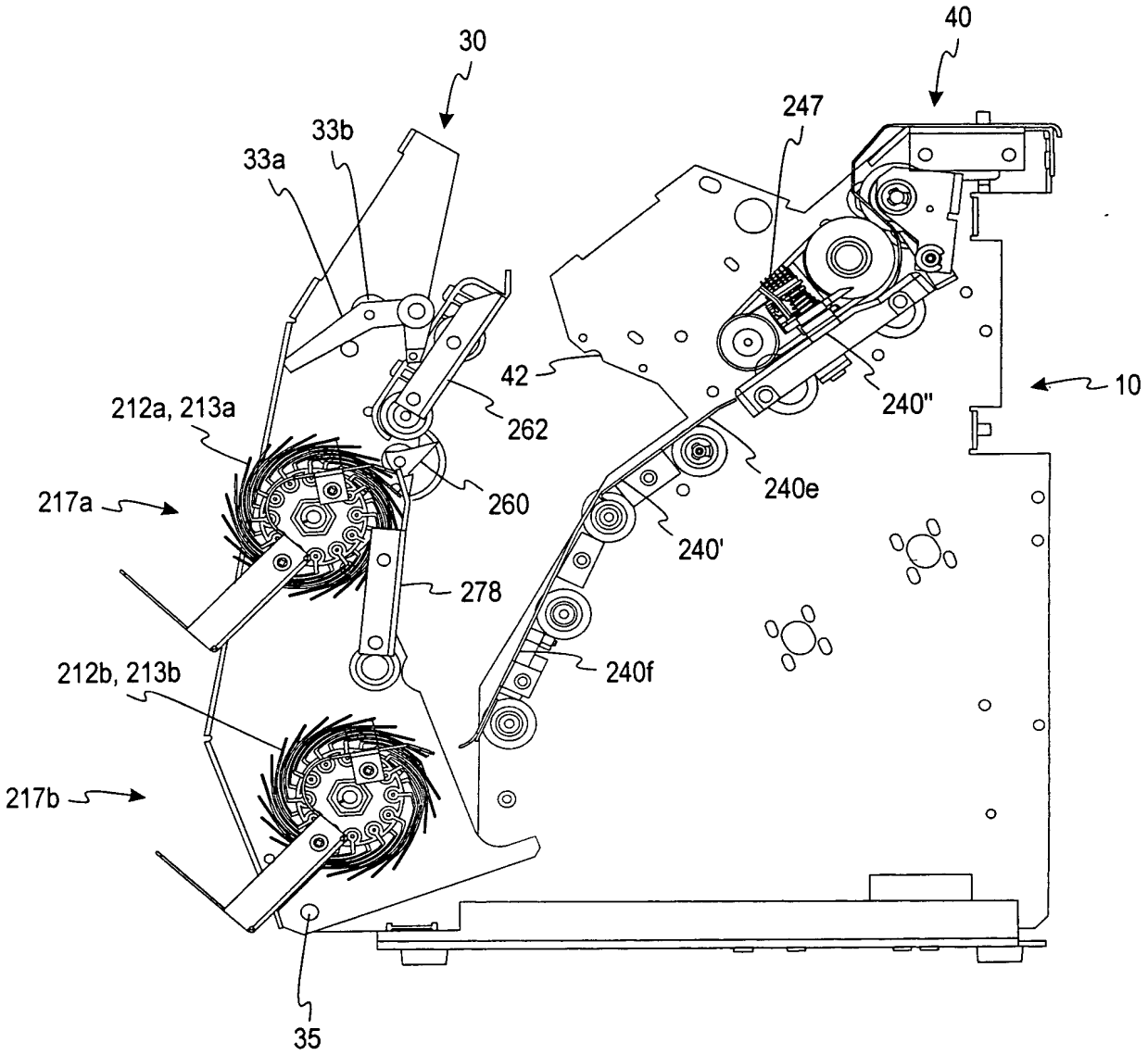
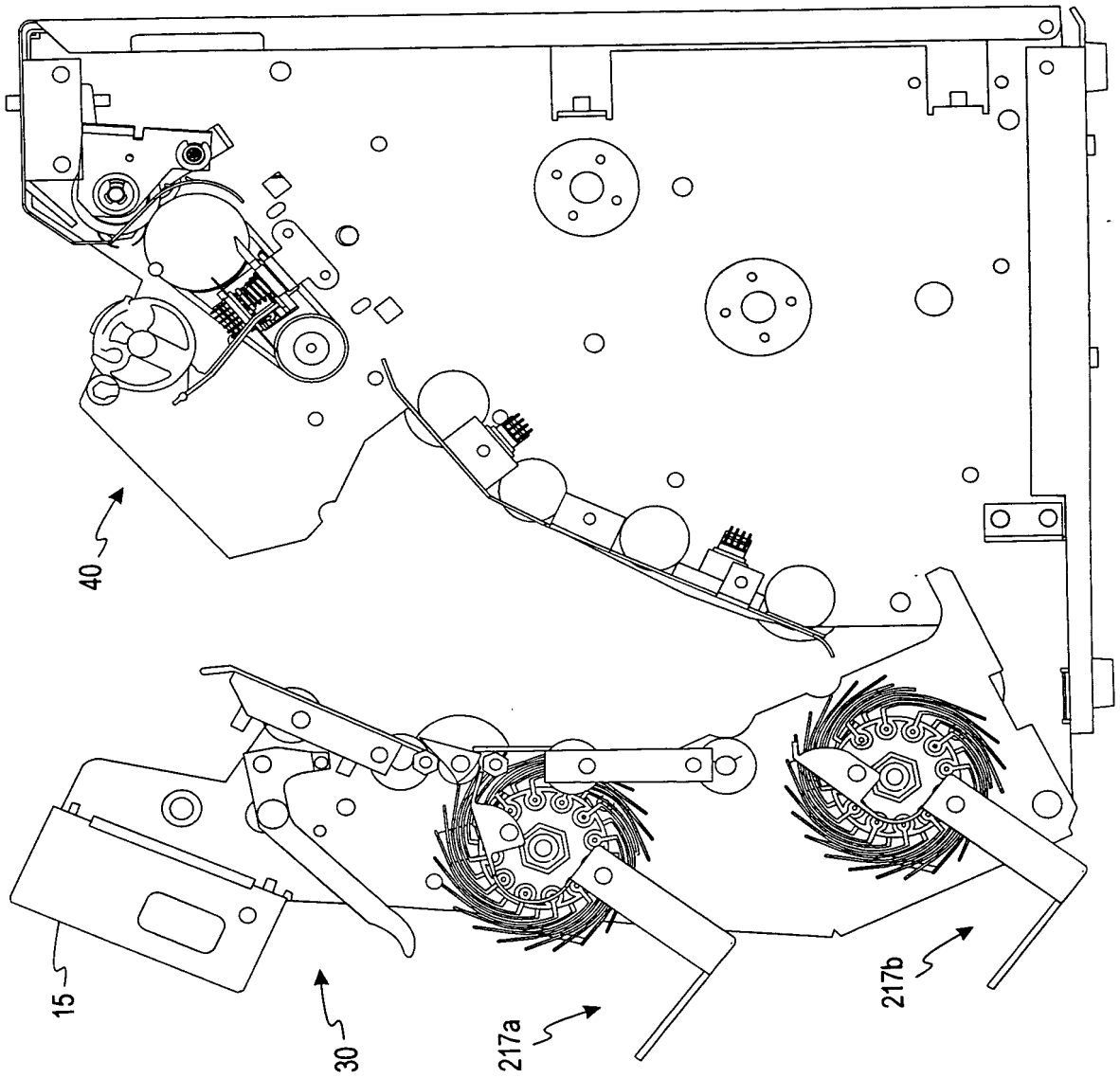


FIG. 10a

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

FIG. 10b



OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

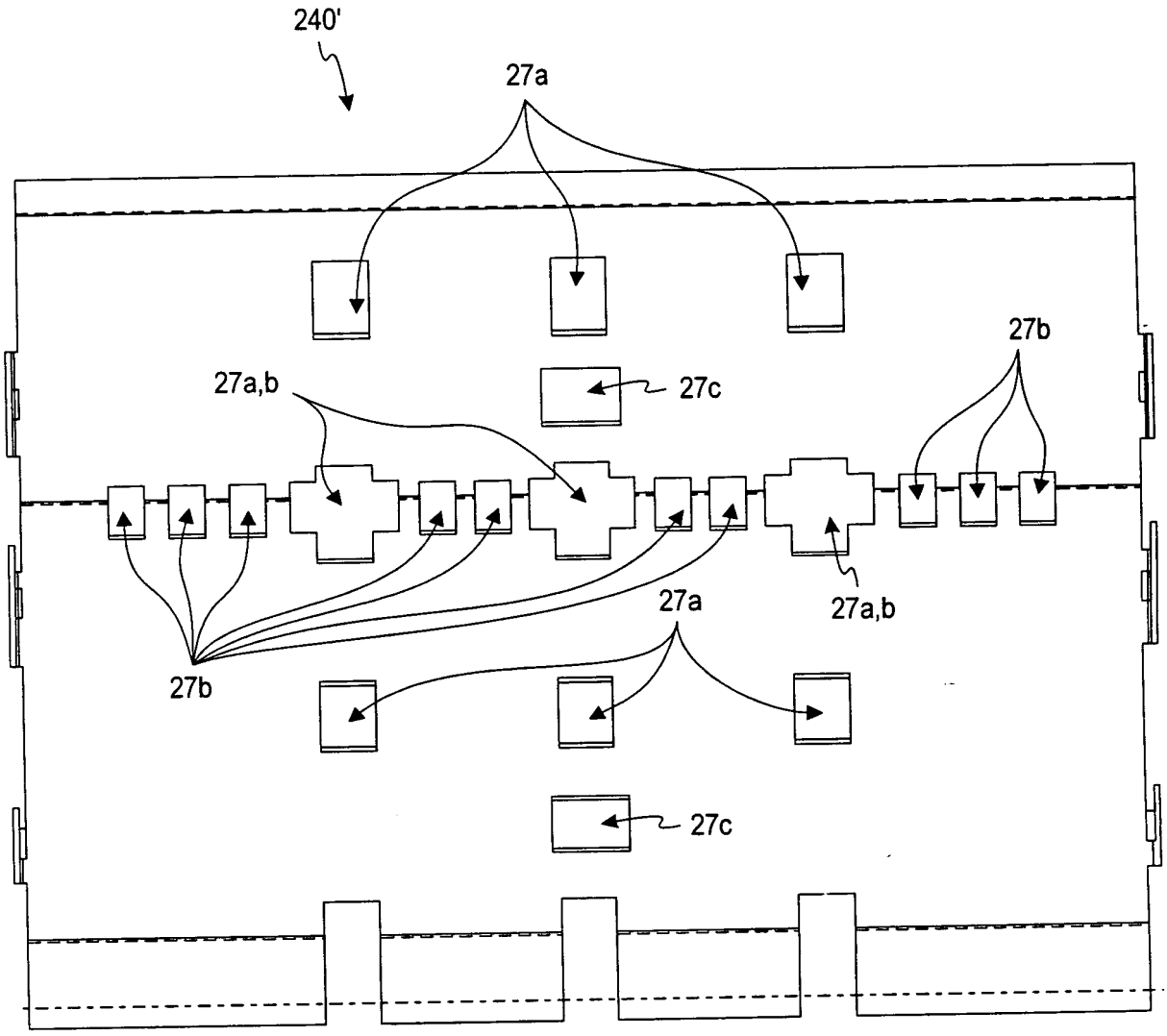


FIG. 11a

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

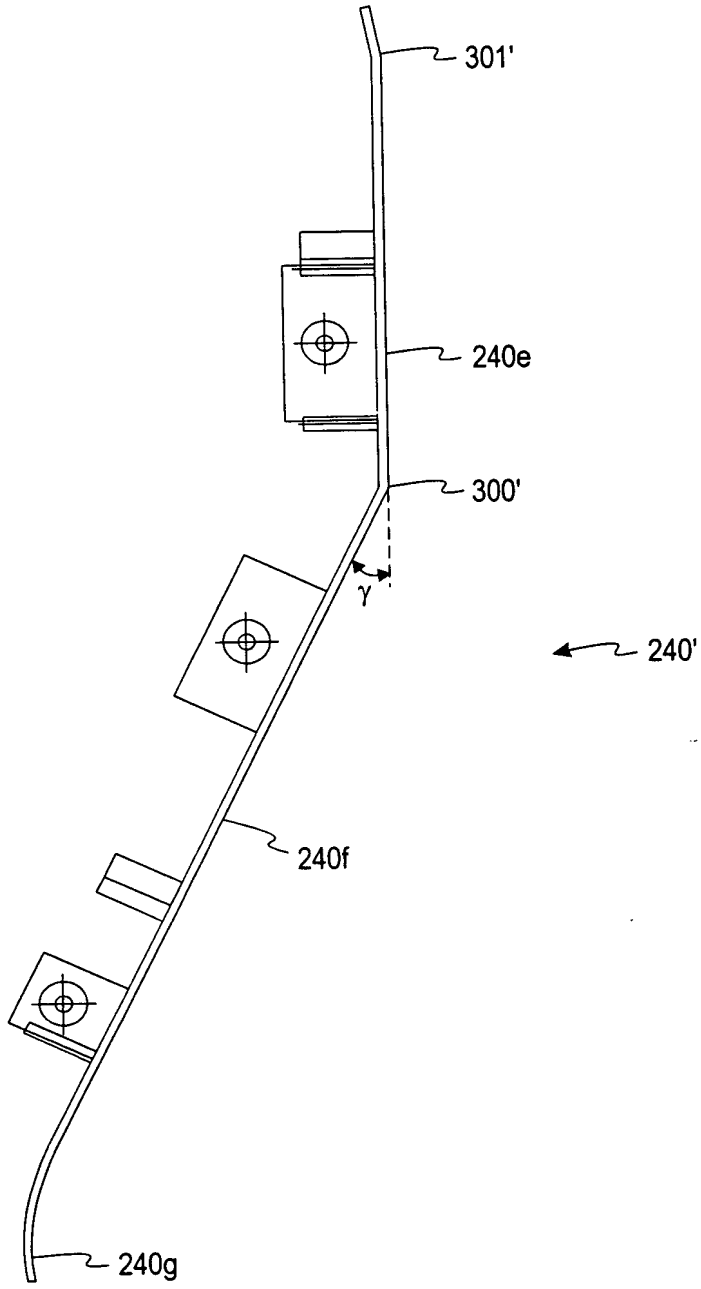


FIG. 11b

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

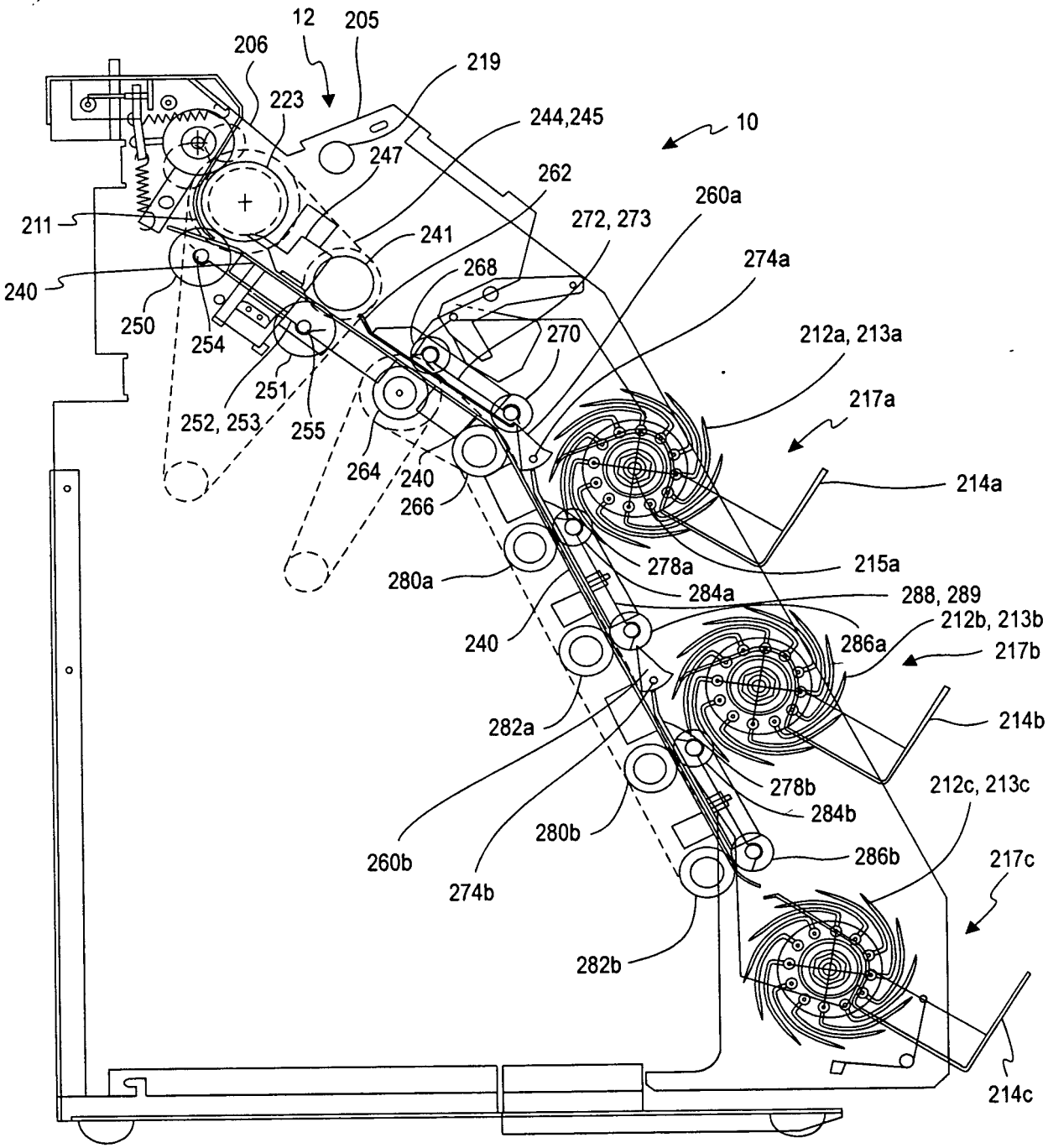


FIG. 12a

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

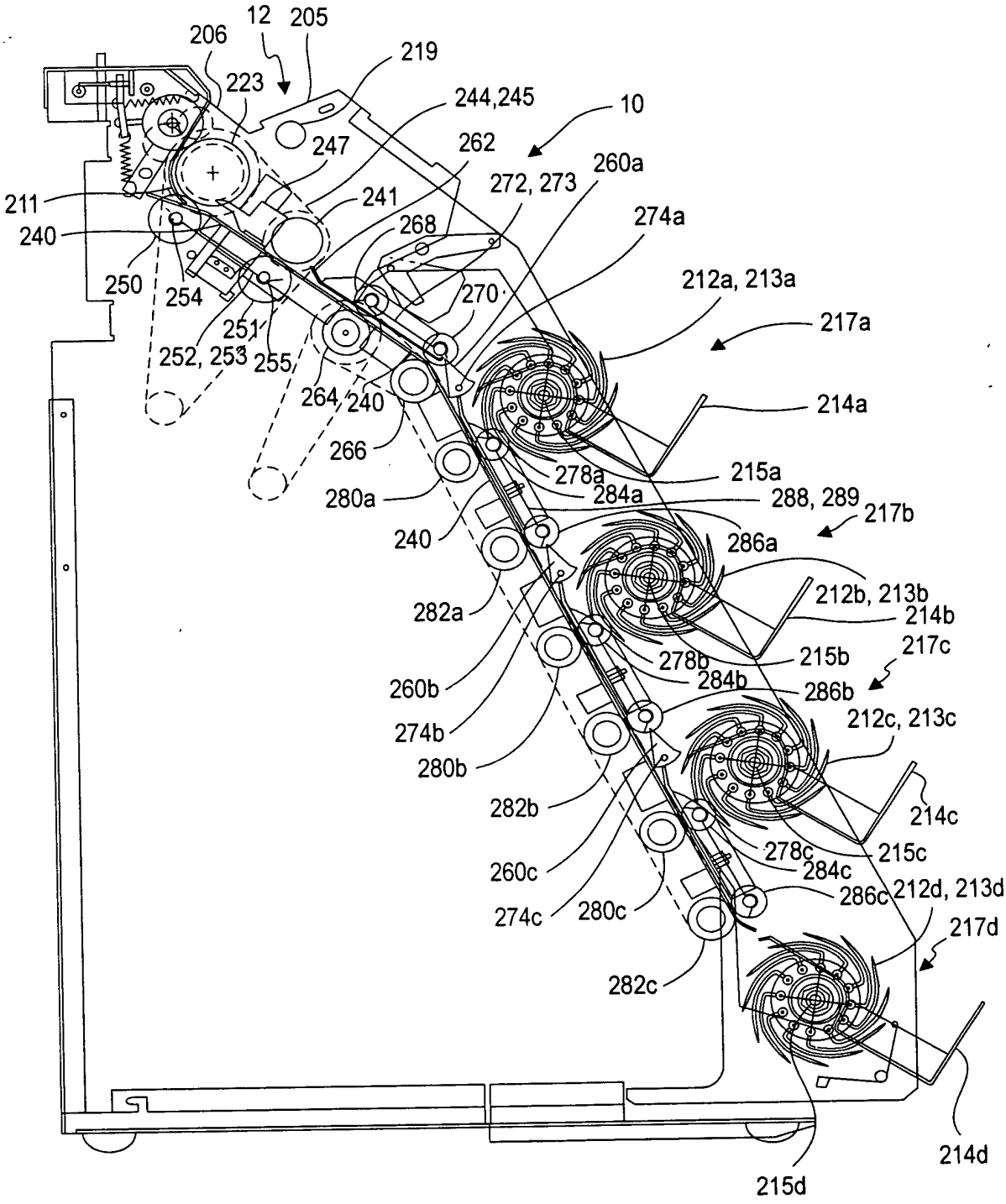


FIG. 12b

EIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

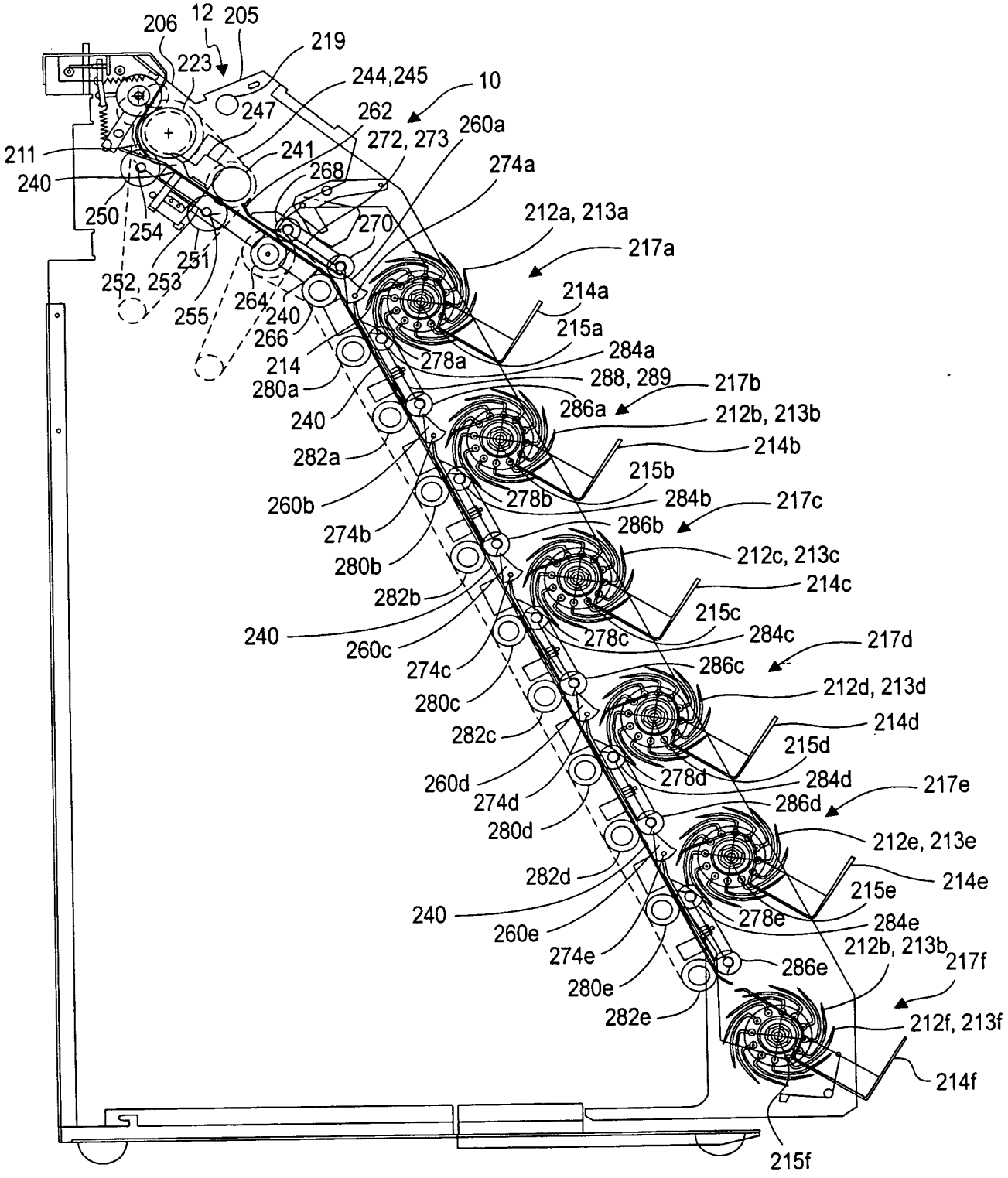


FIG. 12c

OIPE
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

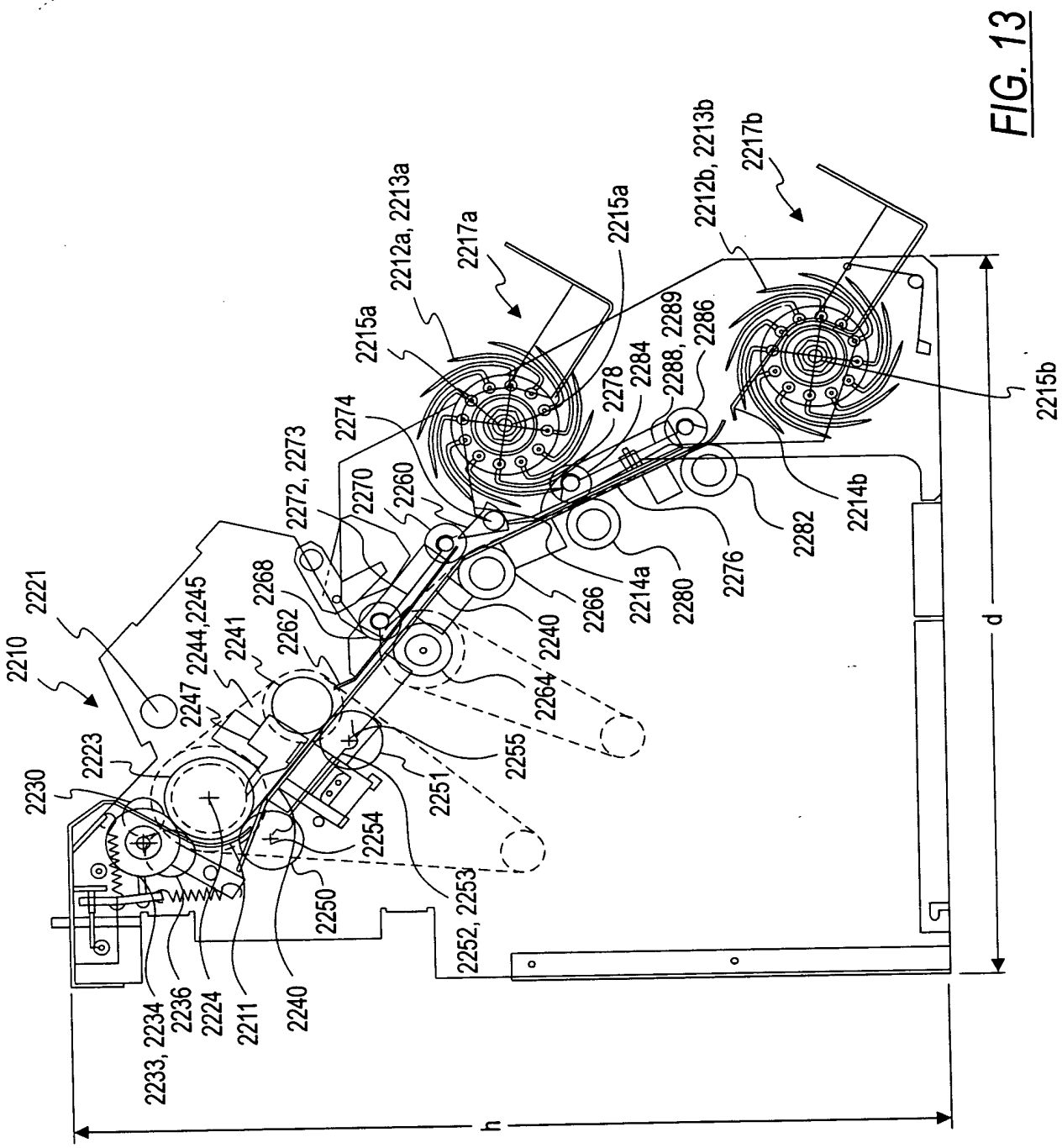


FIG. 13

OIPE JC100
OCT 2 0 2003
TRADEMARK OFFICE

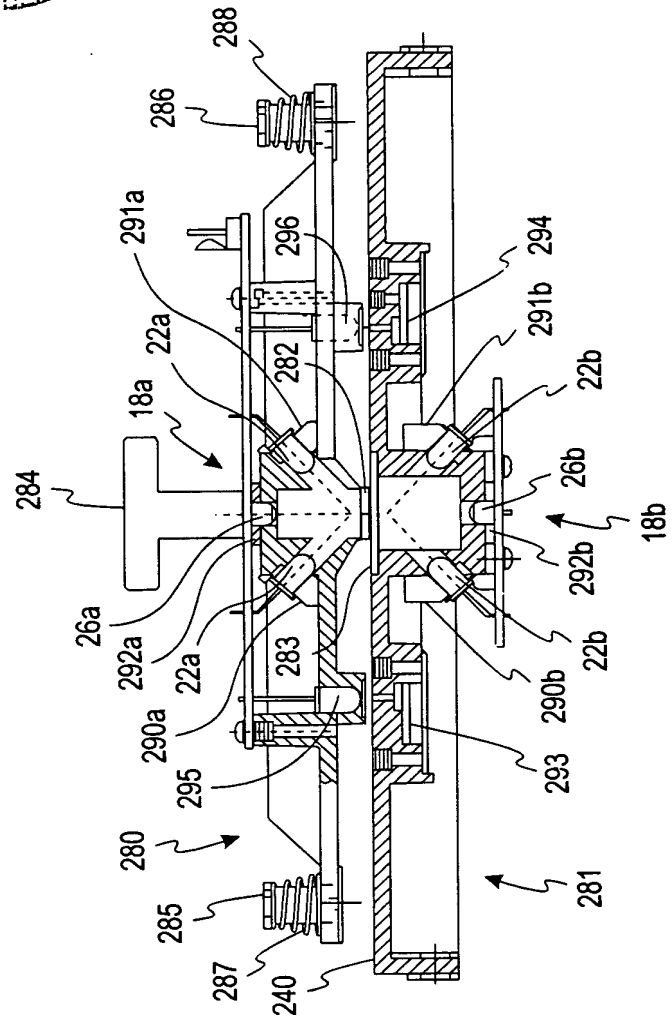


FIG. 14b

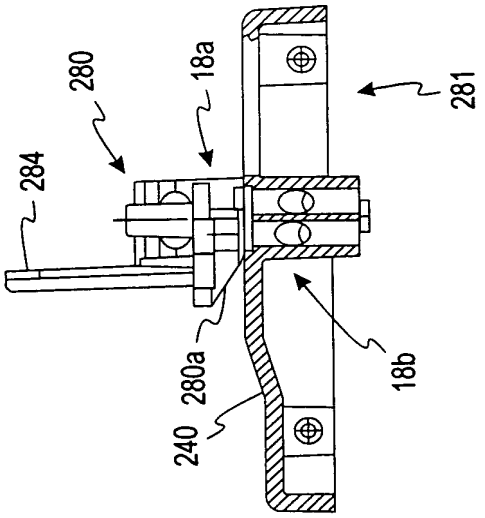


FIG. 14a

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

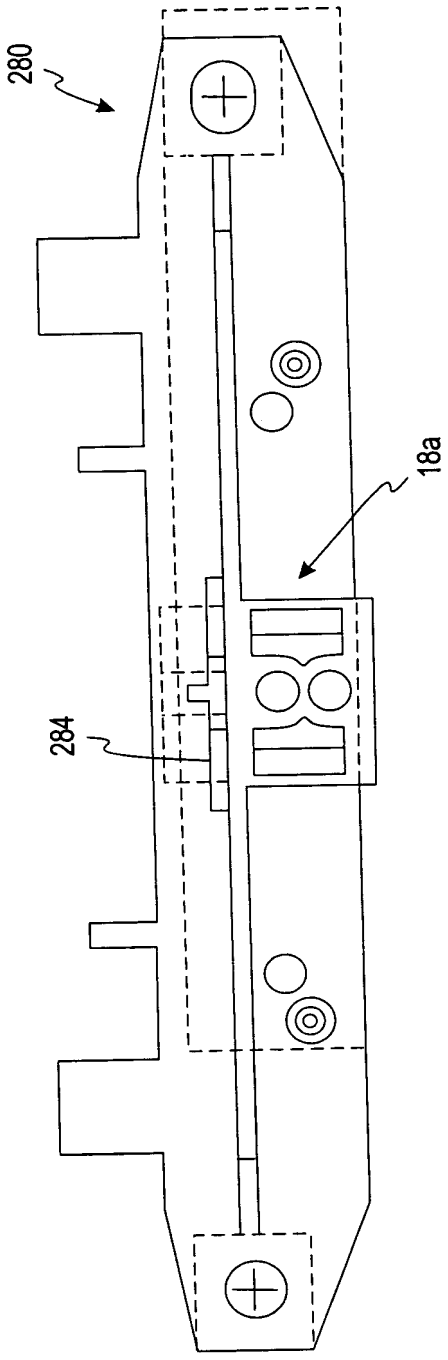


FIG. 15

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

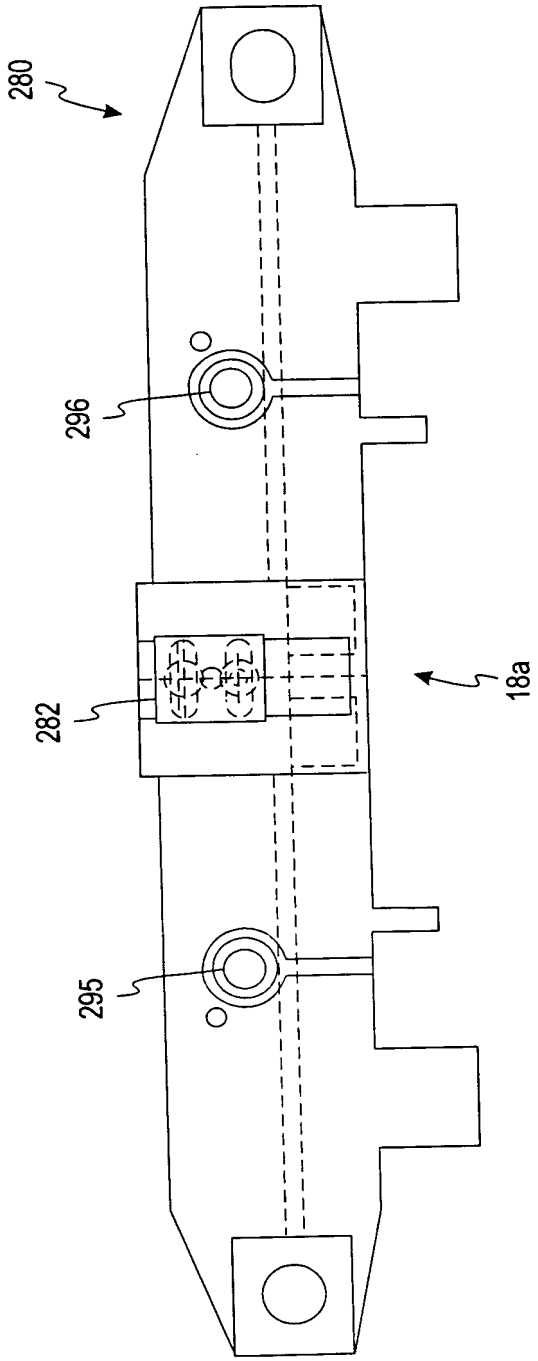


FIG. 16

OIPE JC100
OCT 20 2003
PATENT & TRADEMARK OFFICE

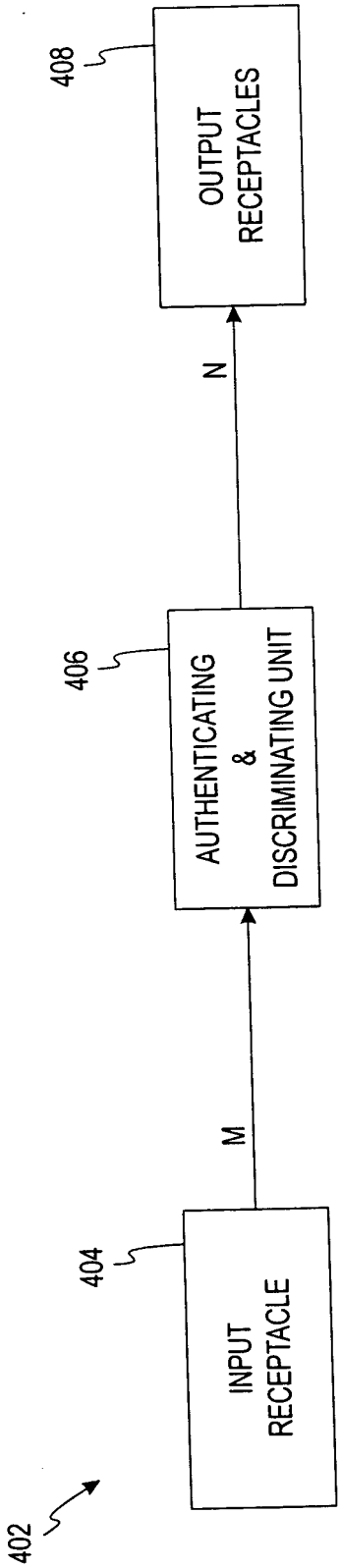


FIG. 17

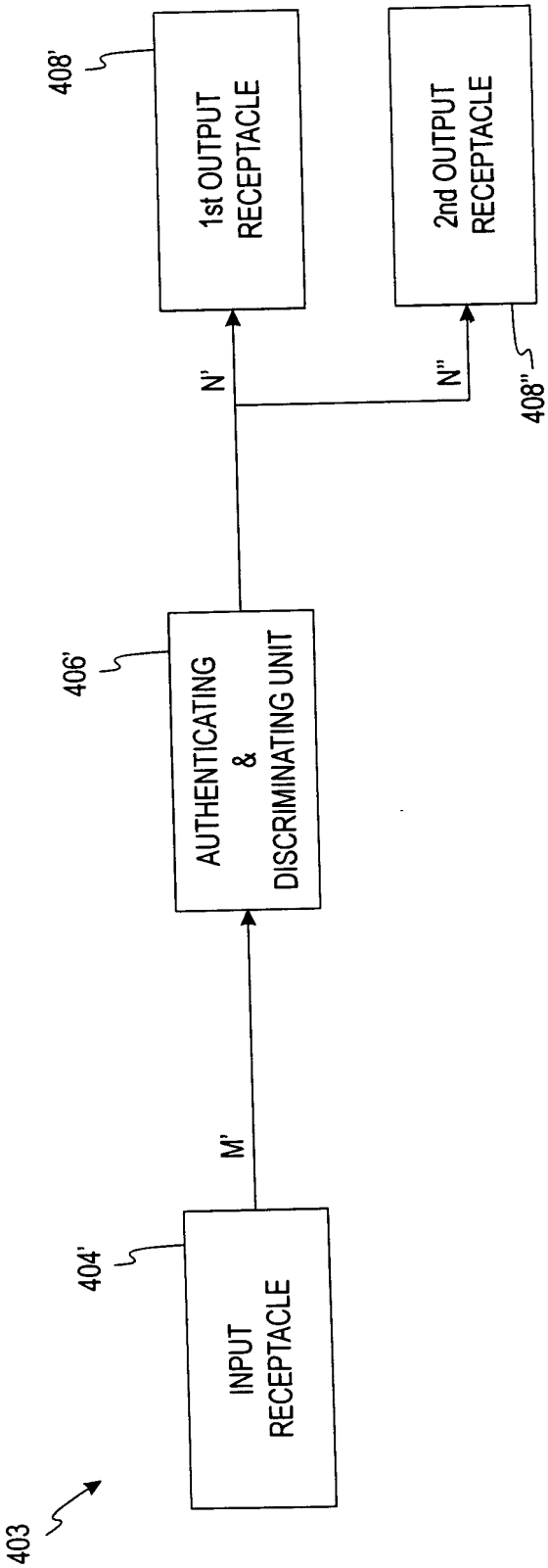


FIG. 18

OIPE JC100
OCT 2 0 2003
TRADEMARK OFFICE

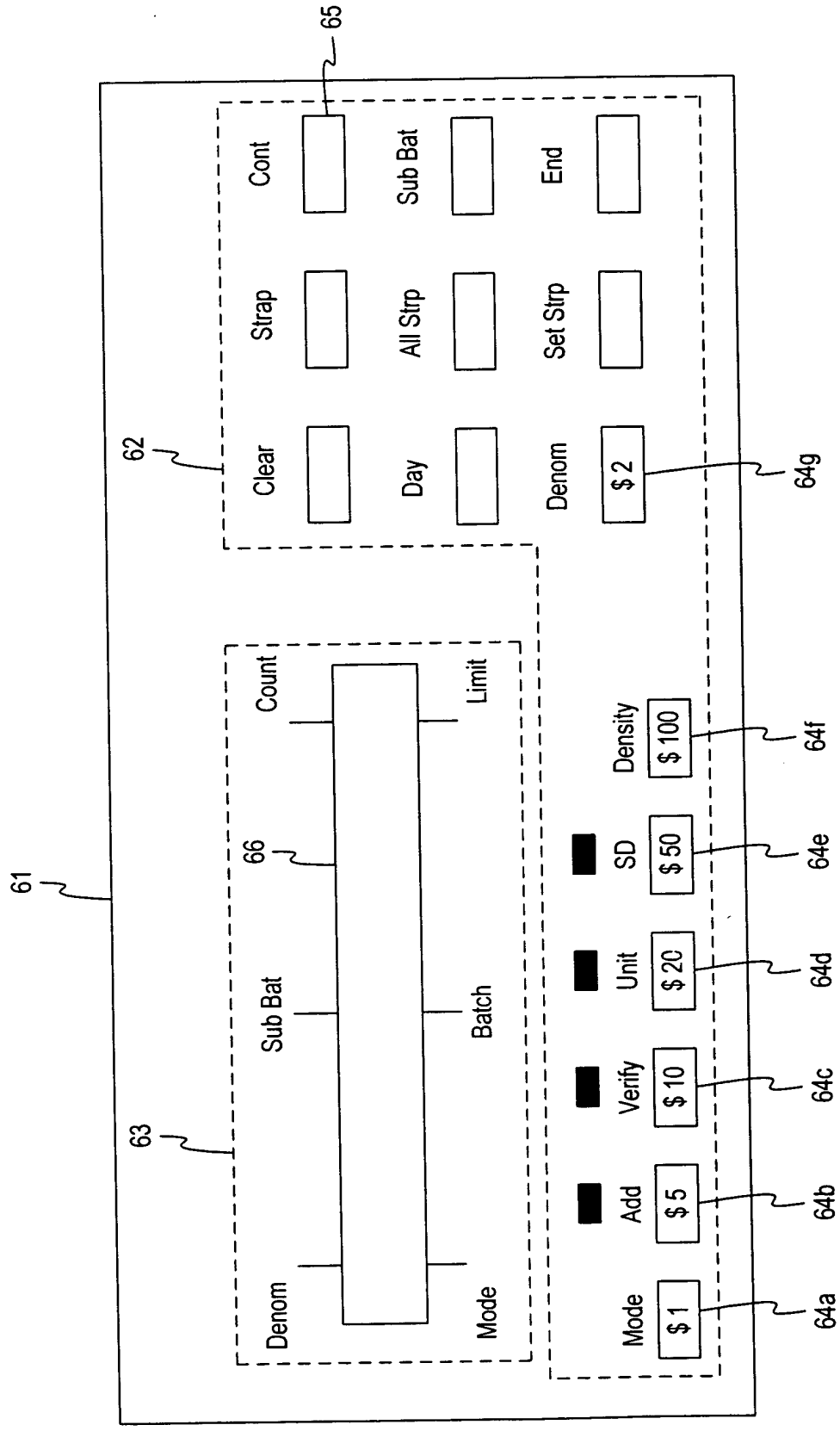


FIG. 19

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

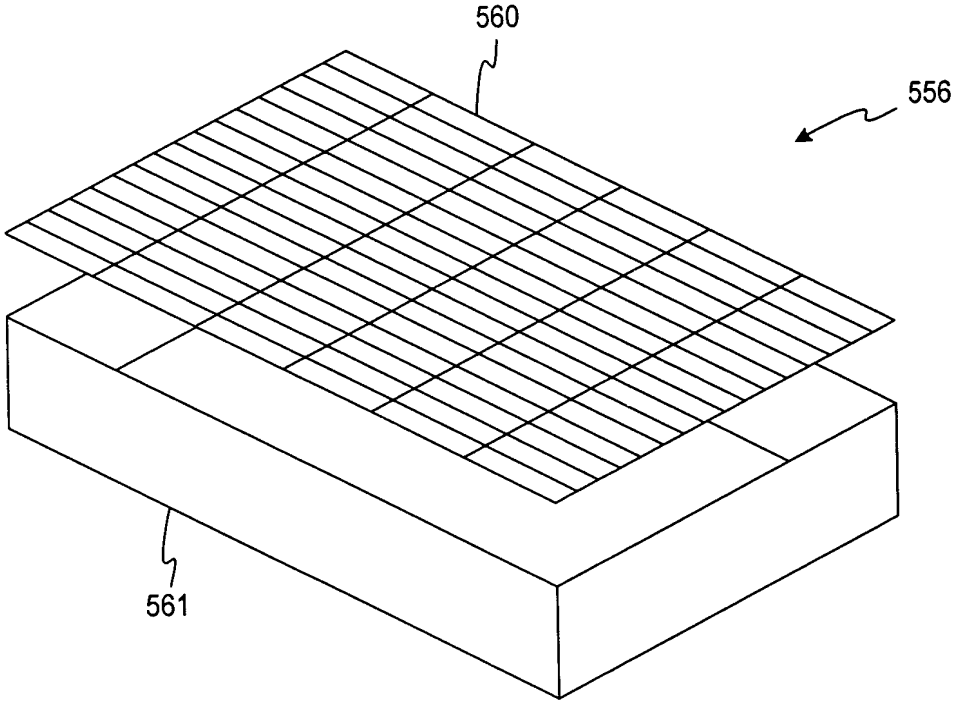


FIG. 20

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

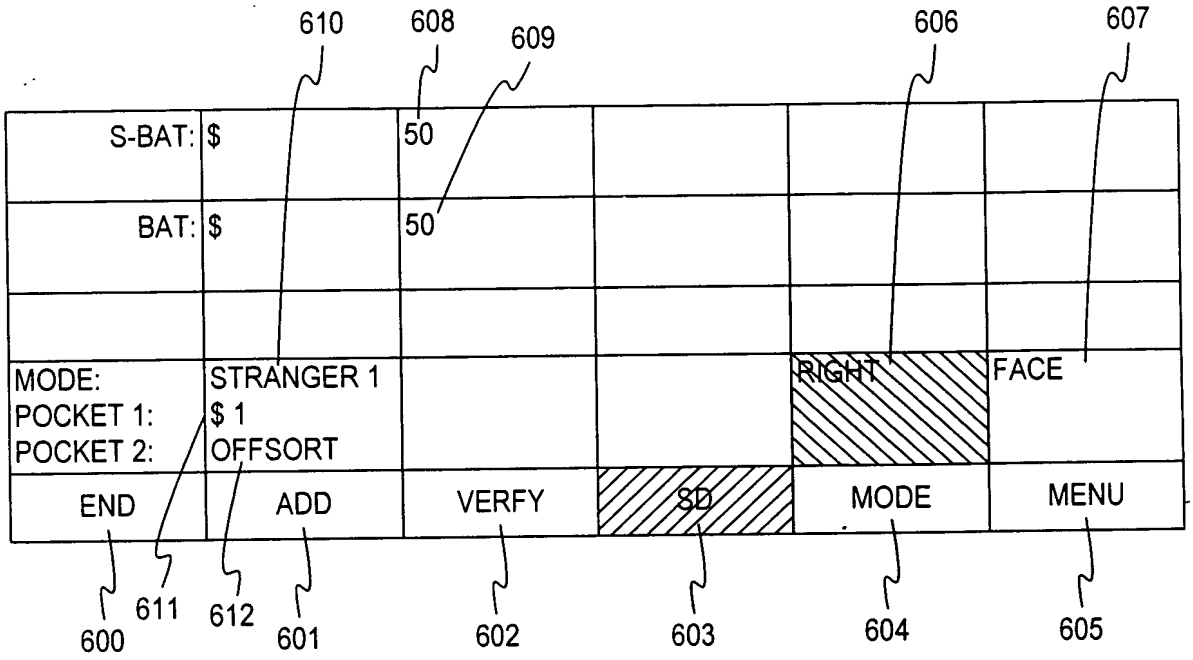


FIG. 21

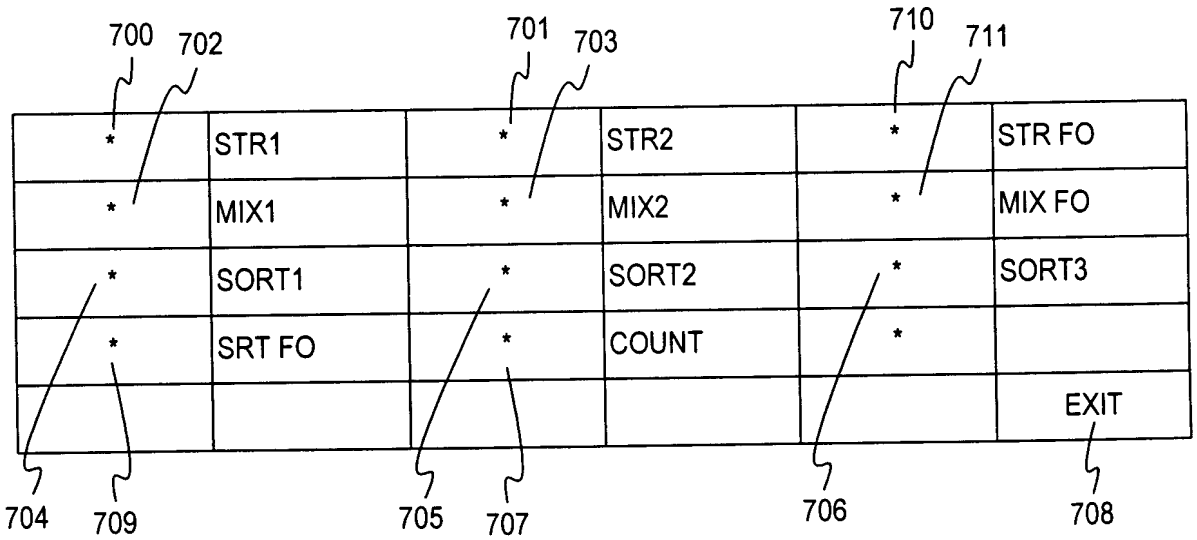


FIG. 22

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

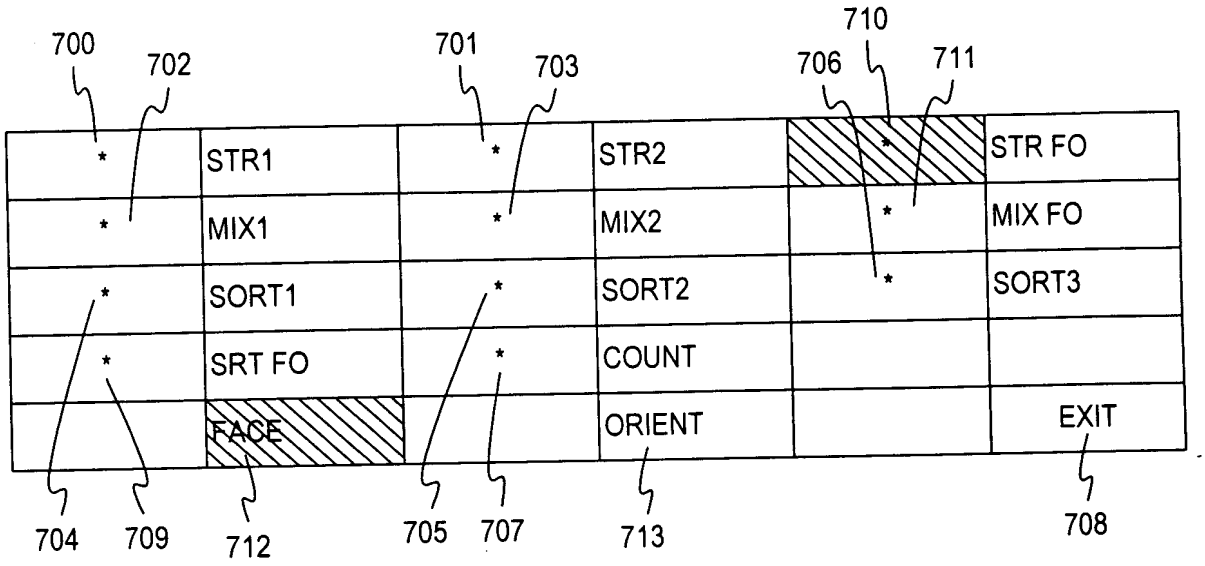


FIG. 23

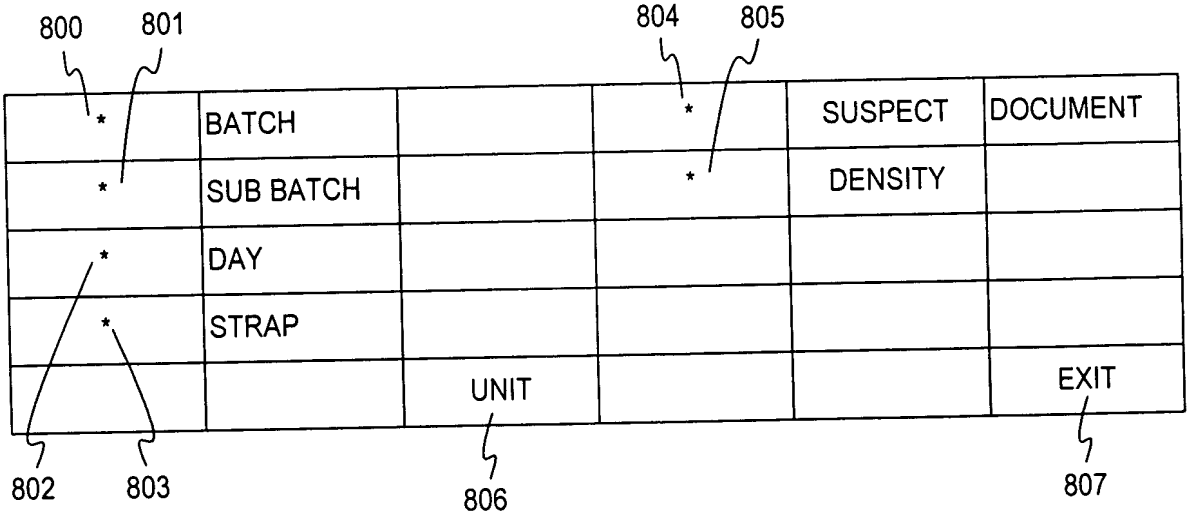


FIG. 24

OIPE JC100 OCT 2 0 2003 PATENT & TRADEMARK OFFICE

		BATCH TOTALS			
DENOM $ 1 $ 5		COUNT 57 100		VALUE $ 57 $ 500	
$ 10 $ 20 $ 50		3 50 200		$ 30 $ 1000 $ 10000	
$ 100 TOTAL		303		$ 30300 $ 41887	CLEAR
					EXIT

810

811

FIG. 25

DENOM	UNIT	LIMIT			
$ 1 $ 2 $ 5	22 28 38	100 100 100			
$ 10 $ 20 $ 50 $ 100	26 36 32 30	50 50 50 50		DOWN	UP
				CLEAR	ALL
5	10	20	25	+	UNIT
50	75	100	OFF	-	EXIT

900 902 901

903a 903e 903b 903f 903c 903g 903d 910 906 905 907 908 909 904

FIG. 26

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

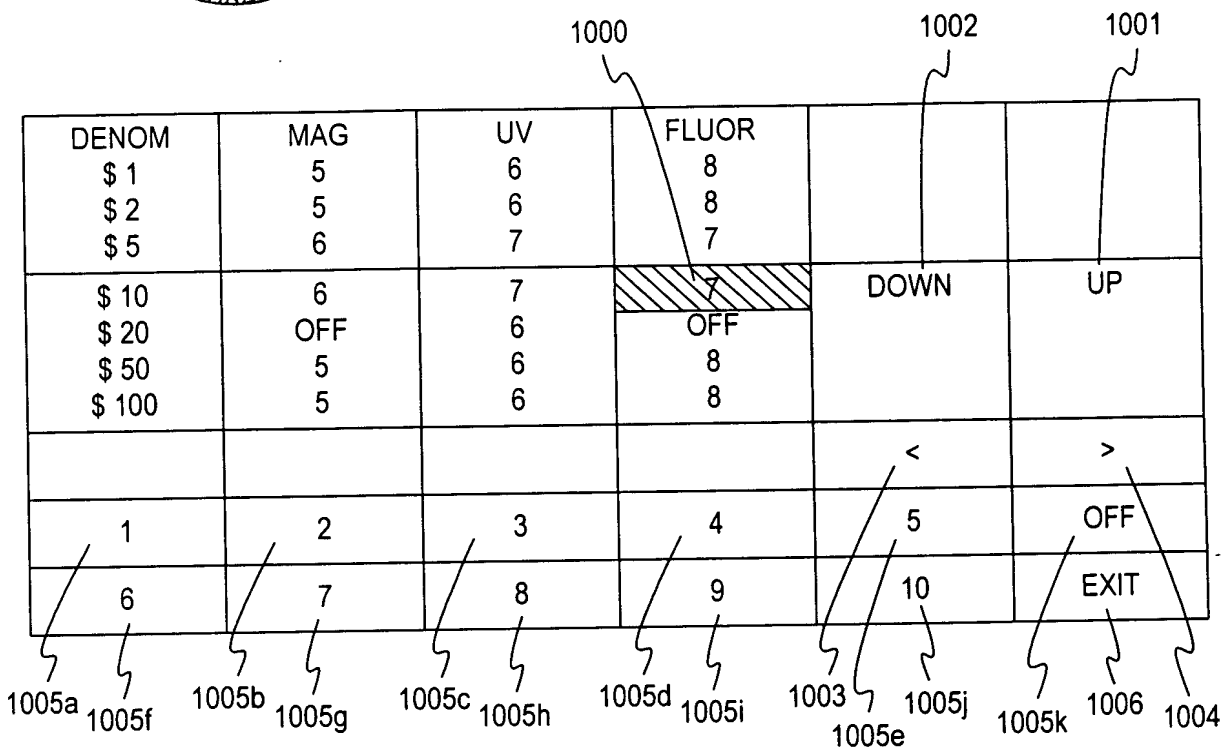


FIG. 27

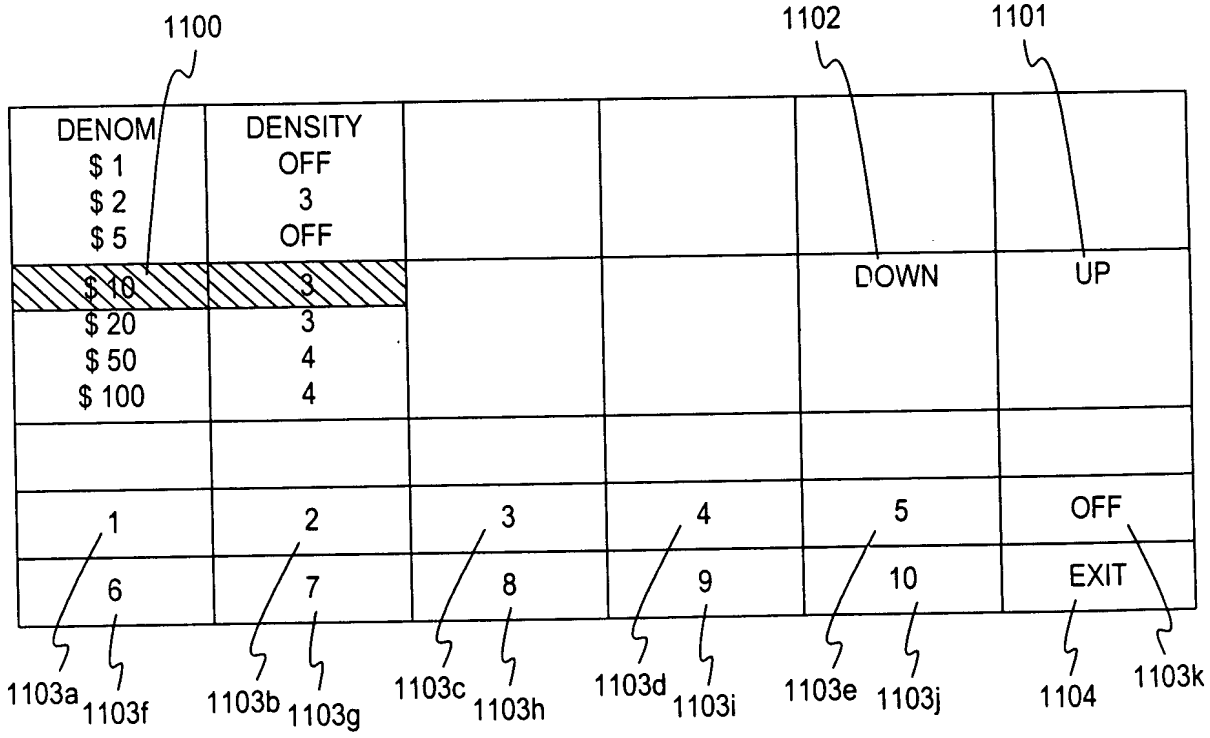


FIG. 28

OIPE JC100 OCT 2 0 2003 PATENT & TRADEMARK OFFICE

STRAP	LIMIT	POCKET	1		
REMOVE	NOTES	AND	PRESS	CONT.	
		CONT			

1200

FIG. 29

NO	CALL	PRESS	KEY:		
$ 1	$ 2	$ 5	$ 10	$ 20	$ 50
$ 100					
					CONT.

1300g 1300a 1300b 1300c 1300d 1300e 1300f 1301

FIG. 30

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

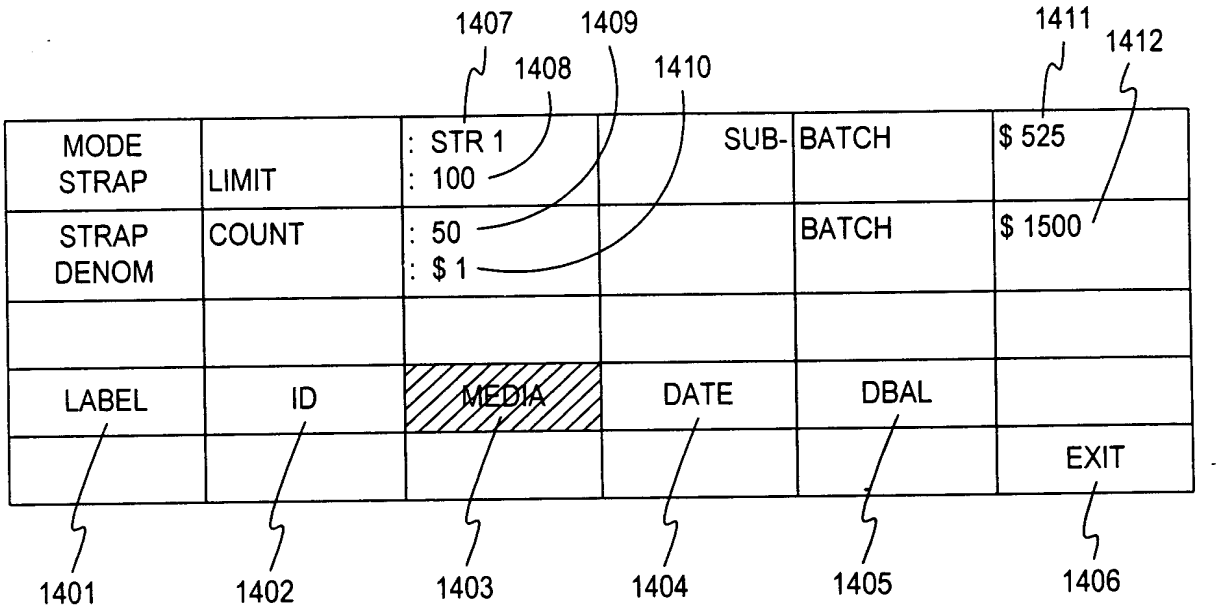


FIG. 31

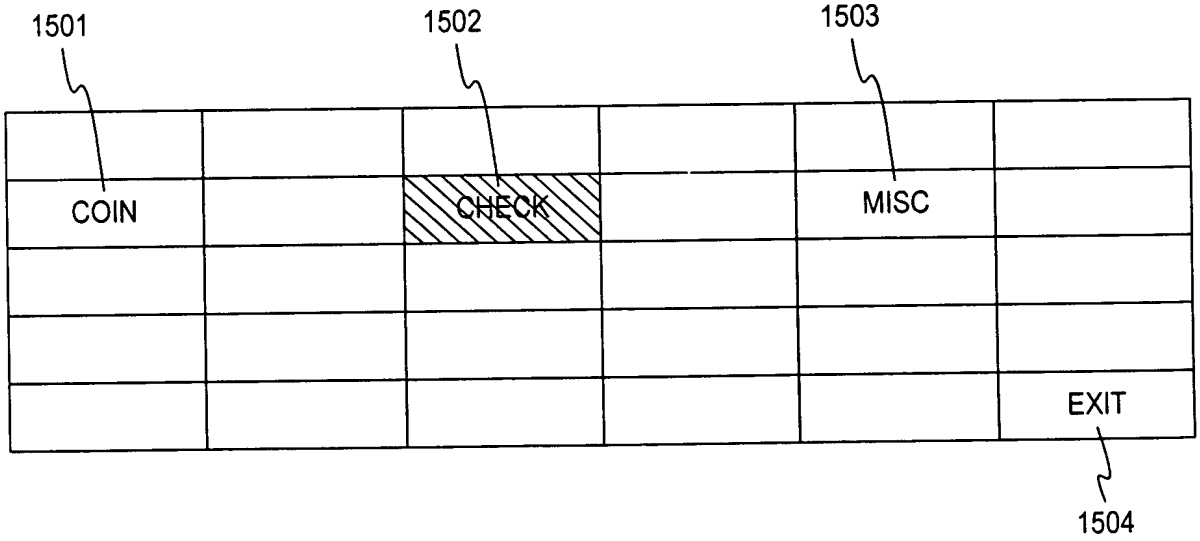


FIG. 32

OIPE JC100
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

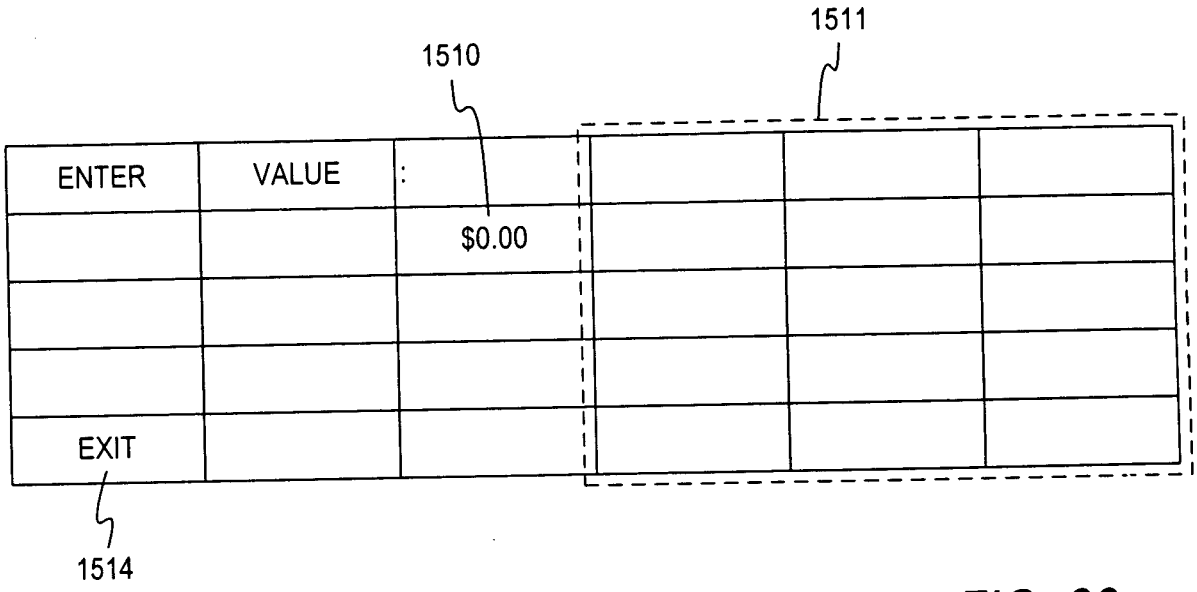


FIG. 33

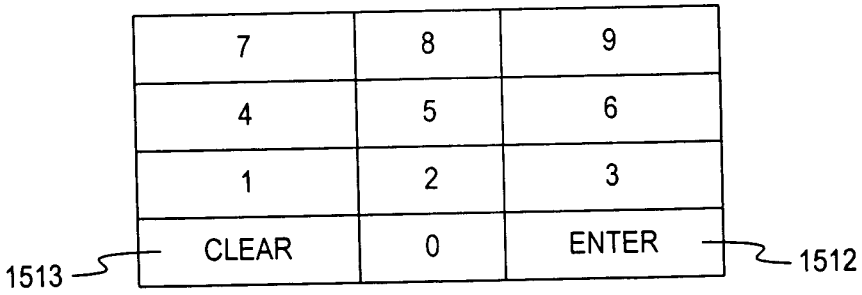


FIG. 34

OIPE 3C1600
OCT 2 0 2003
PATENT & TRADEMARK OFFICE

MODE: _____

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?		OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?		OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?		OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?		OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?		YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?		OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?		OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?		OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?		OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?		YES / NO
R11	STRANGER (S)		P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)		P1 / P2 / CONT - 2 / ST
R13	NO CALL (NC)		P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)		P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)		P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)		P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)		P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)		P1 / P2 / CONT - 2
R19	SEP. SERIES (SS)		P1 / P2 / CONT - 2 / ST
R20	STACKER FULL (SF)		STOP / SWITCH
R21	STRAP LIMIT (SL)		STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)		STOP - 1 / STOP - 2
R23	DOUBLE (D)		STOP - 1 / STOP - 2

FIG. 35

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MODE: STRANGER FACING

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	1st BILL	~~OFF~~ / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	1st BILL	~~OFF~~ / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	——	~~OFF / 1st BILL / US / ALL~~ ~~$1 / $2 / $5 / $10 / $20 / $50 / $100~~
R7	FACE ?	——	~~OFF / 1st BILL / FACE UP / FACE DOWN / US~~
R8	ORIENTATION ?	——	~~OFF / 1st BILL / FORWARD / REVERSE / US~~
R9	SERIES ?	——	~~OFF / 1st BILL / DEFINED - GROUPS / US~~
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	P2	P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	C2	P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	COMBINE	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 36

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MODE: SORT 3

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	$5	~~OFF~~ / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	1st BILL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	YES	YES / NO
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	P2	P1 / P2 / CONT - 2 / ST
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 37

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MODE: USER - DEFINED 1

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	$100	OFF / 1st BILL / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	FACE UP	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	1996 +	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	$100	OFF / 1st BILL / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	FACE DOWN	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	1995 -	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	NO	YES / NO
R11	STRANGER (S)	P2	P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)	———	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	P2	P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)	———	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	P2	P1 / P2 / CONT - 2 / ST
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 38

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MODE: USER - DEFINED 2

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	ALL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	——	~~YES / NO~~
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	OFF	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P1	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP-1	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP-1	STOP - 1 / STOP - 2

FIG. 39

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MODE: USER - DEFINED 3

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	OFF	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	——	~~YES / NO~~
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	ALL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P1	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P1	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P1	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP-1	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP-1	STOP - 1 / STOP - 2

FIG. 40

2 -POCKET POCKET DELIVERY / STOPPING CONDITIONS								
		STR 1	STR 2	STR FO	SRT 1	SRT 2	SRT 3	SRT FO
POCKET 1	NOTE	TARGET NOTE	TARGET NOTE	TARGET NOTE FACE / ORIENT	TARGET NOTE 1 WITH AUTOMATIC DENOMINATION CHANGE	TARGET NOTE	TARGET NOTE 1	TARGET NOTE FACE / ORIENT
	STOP CONDITION	C, SL, D, SF, J; OPTIONAL: S, NC, SS, SD	C, SL, D, SF, S, NC, J, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, S; SL COMBINE POCKETS; OPTIONAL: SS	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	C, SF, J, D, DC; OPTIONAL: NC, SS, SD	C, SF, J, SL, D, NC, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, DC; SL COMBINE POCKETS; OPTIONAL: SS
POCKET 2	NOTE	NONE	TARGET NOTE	TARGET NOTE UNFACED / NON-ORIENTED	TARGET NOTE 2 WITH AUTOMATIC DENOMINATION CHANGE	NONE	NONE	TARGET NOTE UNFACED / NON-ORIENTED
	STOP CONDITION	OPTIONAL: S, NC, SS, SD	C, SL, D, SF, S, NC, J, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, S; SL COMBINE POCKETS; OPTIONAL: SS	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	OPTIONAL: NC, SS, SD	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	C, SF, J, D, SD, NC, DC; SL COMBINE POCKETS; OPTIONAL: SS

FIG. 41

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2 -POCKET POCKET DELIVERY / STOPPING CONDITIONS					
		MIX 1	MIX 2	MIX FO	CNT
POCKET 1	NOTE	MIXED NOTES	MIXED NOTES	FACE / ORIENT	NOTES
	STOP CONDITION	C, D, SF, J OPTIONAL: NC, SD	C, D, SF, J, NC, SD	C, SF, J, D, SD, NC	SF, J, SL, C, D, SD
POCKET 2	NOTE	NONE	MIXED NOTES	UNFACED / NON-ORIENTED	NOTES
	STOP CONDITION	OPTIONAL: NC, SD	C, D, SF, J, NC, SD	C, SF, J, D, SD, NC	SF, J, SL, C, D, SD

FIG. 42

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